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ABSTRACT

The data in this report are the result of the first in a series of five proposed inventories of licensed practical nurses. The study revealed a total of 343,635 practical nurses holding licenses to practice at the time of the study. About 74 percent reported they were employed in nursing, 20 percent indicated they were not employed in nursing, and 6 percent did not report their status. General characteristics of the entire population of licensed practical nurses were: approximately 97 percent were female, 59 percent were married, 21 percent were widowed, separated or divorced, almost 14 percent were single, and the median age was 44.1 years. This data should be a valuable asset to the body of statistical knowledge on nursing personnel in this country. (Author/GEB)

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LPN's

1967 *an inventory of licensed practical nurses*

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LPN's

1967

an inventory of licensed practical nurses

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and
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American Nurses' Association
Research and Statistics Department

Issued January 1971

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FOREWORD

In early 1941 the U.S. Public Health Service at the request of the Nursing Council on National Defense conducted a national inventory of registered nurses through the State nurses' associations and the State boards of nursing. The data were used as a basis for planning to meet the nursing needs of the country, the States, and the local communities during the war emergency.

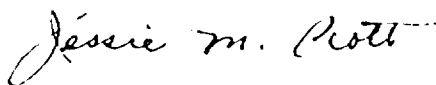
In 1949 the American Nurses' Association conducted its first in a series of five censuses of registered nurses. Throughout the years, four other inventories were made periodically, the last in 1966. The reports of these studies were published by the American Nurses' Association.

There was a need to secure baseline data on practical nurses, the other group of licensed personnel in nursing. The American Nurses' Association, utilizing the same methodology as that used for the registered nurse series, conducted the first survey in 1967.

The Division of Nursing of the Bureau of Health Manpower Education, National Institutes of Health, provided contract funds to assist in the conduct of this study as was done for the 1962 and 1966 inventories of registered nurses. As Co-Project Directors, Eleanor D. Marshall and Evelyn B. Moser of the American Nurses' Association Research and Statistics Department planned and conducted these studies. Other Department staff assisted in the preparation of the materials and compilation of data.

A vital link in the mechanism for producing these inventories is the State board of nursing, the official State agency responsible for the licensing of nursing personnel. The American Nurses' Association utilizes its close working relationship with the State boards of nursing through its Council of State Boards of Nursing to acquire the raw data for these surveys. This cooperative arrangement among the three types of agencies, Federal, State, and a professional organization, makes possible such large scale, costly manpower studies of nursing personnel. It also illustrates the way in which government and private agencies can work together to avoid duplication of effort in the area of manpower research.

The data in this report of the first inventory of licensed practical nurses should be a valuable asset to the body of statistical knowledge on nursing personnel in this country.



JESSIE M. SCOTT
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SUMMARY OF FINDINGS

Among the various types of health professions that are generally classified as "nursing," two require licensure in every State to practice or to use a particular title. These two are the registered nurse and the practical nurse. The administration of licensing or registration, as it is sometimes called, is a function of an agency of the State and is referred to in this report as a State board of nursing. All boards issue initial and renewal licenses. This licensing procedure, which calls for periodic renewal of a license, provides a mechanism for conducting nationwide manpower studies of both groups of nurses. In 1949 the American Nurses' Association conducted the first in a series of five registered nurse manpower studies. The first such study of licensed practical nurses was made in 1967. This is a report of that study.

State licensure laws provide for renewal of practical nurse licenses either annually or biennially. In order to maintain "active" registration the nurse pays a fee. It is the nurses with active registration who are considered currently licensed to practice (whether they are practicing in fact, or not) and therefore constituted the universe that was studied. Some States maintain lists of practical nurses who are not employed in that State and do not wish to pay a fee to maintain a license. These persons, like other nonlisted, nonlicensed practical nurses, are not part of the study. Although it is less common today than a decade ago, there are still some unlicensed persons who work as practical nurses; these persons are also excluded from the study.

Licensure of the practical nurse is a relatively new development. Although the first statute was enacted in Florida in 1913, 43 jurisdictions had not enacted such legislation until 1945 or later. The District of Columbia, in 1960, was the last jurisdiction to enact legislation covering the practical nurse.

In California and Texas the term "vocational nurse" is used rather than "practical nurse." To avoid a great deal of repetition throughout the report, the use of the term "licensed practical nurse" will include the licensed vocational nurse.

The study revealed a total of 343,635 practical nurses holding licenses to practice at the time of the study. About 74 percent, or 252,522 practical nurses reported they were employed in nursing; 20 percent, or 69,189 practical nurses indicated they were not employed in nursing; and about 6 percent, or 21,924 practical nurses, did not report their employment status. To obtain a better estimate of State employment, adjustments were made for nonreporting of employment status. County figures were adjusted to produce State totals and a national estimate. This resulted in a total of

269,723 licensed practical nurses employed in the United States in 1967.

To characterize generally the entire population of licensed practical nurses (both the employed and inactive in nursing): they were predominantly female, only 9,420, or about 3 percent were male; the majority were married (59 percent); 21 percent were widowed, divorced or separated; almost 14 percent were single; and the median age was 44.1 years.

The Employed LPN

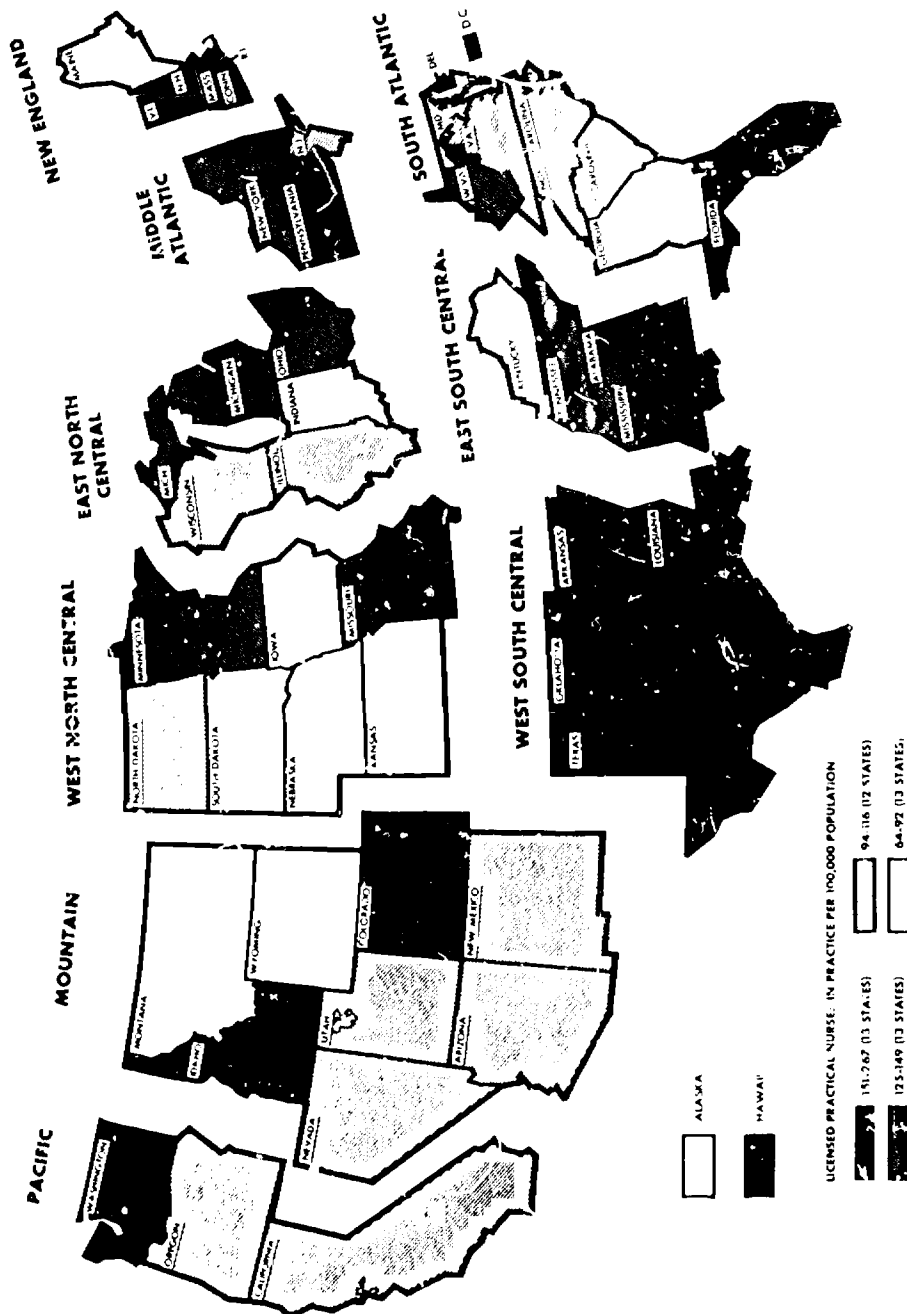
The Public Health Service estimates that 3.5 million persons were employed in all health occupations in 1967. Of that total, 50 percent were classified as "nursing" occupations. Practical nurses accounted for about 9 percent of all health workers and 18 percent of employed "nursing" personnel.¹ Prior to the ANA inventory, little statistical information was available on these practitioners.

As mentioned previously, it is estimated from the ANA inventory that 269,723 licensed practical nurses were employed throughout the United States in 1967. The supply varies greatly from State to State. Alaska had 199 licensed practical nurses while New York had 25,293. There were four States whose supply was estimated to be 20,000 or more: New York, Pennsylvania, Texas, and California. Together these four States accounted for 35 percent of all employed licensed practical nurses.

In order to make State comparisons, ratios of licensed practical nurses to population were computed. Nationally, there were 135 licensed practical nurses for every 100,000 residents of the United States. The State ratios varied from a low of 64 licensed practical nurses per 100,000 population in Indiana to a high of 267 per 100,000 in the District of Columbia. Twenty-two States had nurse/population ratios higher than that for the United States. The 10 jurisdictions with the highest ratios were, in descending order, the District of Columbia, Vermont, Massachusetts, Texas, Pennsylvania, Idaho, Colorado, Rhode Island, Arkansas, Hawaii. The 10 States with the lowest ratios were, in ascending order, Indiana, Maine, Alaska, Nebraska, Wyoming, Maryland, Montana, Kansas, South Carolina, and Iowa. As can be seen from these listings, there is no particular concentration of relatively high or low ratios in any single defined region of the country. There is, however, a tendency toward a concentration in the northern

¹ *Health Manpower Survey, Book 4, Section II, Civil Health Manpower, 1966*. U.S. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, 1969, pp. 1 and 3.

Figure 1. Ratio of employed LPN's per 100,000 population, 1967



middle area of the United States of nurse/population ratios in the lowest quartile.

In addition to State data, distributions of licensed practical nurses were made by county and metropolitan areas. The list of counties and metropolitan areas were derived from the "Sales Management, Survey of Buying Power."¹ There was some difficulty in determining county for this purpose since the original source documents for the 1967 Inventory of Licensed Practical Nurses did not contain questions on county of employment or residence. They did, however, ask for the nurse's address and the State where the nurse was employed. Therefore, for purposes of this distribution, county identification was made from the mailing address. Thus, the county data for each State include the practical nurses employed in that State according to county of mailing address; the inactive practical nurses residing in that State according to county of mailing address; the practical nurses who did not report whether or not they were employed according to county of mailing address; and a residual group called "out of State residence." This last group includes the practical nurses who said they were employed in that State but who had mailing addresses in a different State. The effect on the employed population of using the mailing address would be expected to be greater than that for the inactive licensed practical nurse since the address would more likely be accurate placement identification for the latter group. In all there were 5,362 employed licensed practical nurses who were not included in a county because their mailing address differed from the State where they were employed.

It is interesting to examine the supply of licensed practical nurses in the different geographical terms: State, county, and metropolitan area. A metropolitan area as used in the "Sales Management, Survey of Buying Power" is defined as "... a group of contiguous counties featuring at least one central city of 50,000 inhabitants or more, or 'twin cities' with a combined population of 50,000. In addition to the county containing such a city or cities, contiguous counties qualify as component parts of a *Standard Metropolitan Statistical Area* if they are essentially metropolitan in character, and are economically and socially fused with the 'hub' or central city."²

It was estimated that 189,387 licensed practical nurses were employed in 222 metropolitan areas in the United States in 1967. This accounts for 70 percent of the 269,723 licensed practical nurses employed in nursing that year. Thus, there were 139 licensed practical nurses for every 100,000 persons among the 136 mil-

lion people residing in metropolitan areas of the United States.

The importance of examining supply in terms of a metropolitan area is dramatically illustrated by the data for the District of Columbia. Within the confines of the central city, which is synonymous with the entire jurisdiction in this instance, it is estimated that there were 2,162 employed licensed practical nurses for a ratio of 267 per 100,000 population. Looking at the whole metropolitan area, defined here as Washington, D.C., two counties in Maryland plus four counties in Virginia, it is estimated that it contained 3,057 employed licensed practical nurses, an addition of only 895 nurses over the central city's supply. Because of the considerably larger population base for this expanded area, there is a ratio of only 114 licensed practical nurses for every 100,000 persons. This same effect is evidenced for other large metropolitan areas as shown in the table below. Although a jurisdiction appears to have a high ratio of licensed practical nurses to population, it is fallacious to eliminate from consideration the fact that the surrounding population of a large central city utilizes the facilities of that city to help meet health care needs.

Table 1. Employed LPN's and ratios to population in selected areas

	Central city		Metropolitan area	
	Est. employed LPN's	Ratio to pop.	Est. employed LPN's	Ratio to pop.
New York	11,471	142	15,039	129
Philadelphia	5,632	276	9,729	203
St. Louis	2,408	348	3,953	170
Baltimore	1,513	164	2,111	105

The central city data in the preceding table were derived from county data. There were 3,077 counties plus eight independent cities. It is interesting to note that 88 of the 3,077 had no licensed practical nurses, employed or unemployed.

Again it should be remembered that county designation was derived from the mailing address rather than from an employment address. If the practical nurses could be distributed according to the actual county of employment, the ratio of nurses to population might appear even higher for those areas where there are large concentrations of health facilities. Thus, the nurse population ratio also serves partially as a reflection of the concentration of facilities in a particular area and, in any comparison of the relative strength or weakness of the nurse supply in an area, this factor should also be taken into account.

¹ Copy, dated June 10, 1968, "Sales Management, Survey of Buying Power."

² "Sales Management, Survey of Buying Power," 1967, Sales Management, Volume 100, 2, June 10, 1969, pp. C-6-C.

Age and Marital Status

The median age of employed licensed practical nurses was 44.3 years in 1967. About 25 percent of the employed group were under 31 years and another 25 percent were 55 or more years old. The distribution by age groups shows that 13 percent of employed licensed practical nurses reported their age as under 25 years. The relatively short training period to become a practical nurse, usually 12 months, brings large numbers of graduates into the labor market at relatively young ages. Concomitantly, this type of training also has enabled the older woman to enter the health care field.

A study being conducted by the National League for Nursing on the career patterns of practical nurses reveals that the age of students entering practical nursing programs varied. "Less than half, or 45.3 percent of the students admitted to the schools in the study, fell in the age range of 14 to 19; while slightly over half of the students were twenty years of age or older."¹ Their data show that about 24 percent of the entering students were at least 35 years old.

On the average, the youngest employed licensed practical nurses were found in the West North Central region of the United States. The median age for that region was 38.2 years. In the States of North Dakota, South Dakota, and Minnesota, the median age fell below 30.

The majority of employed licensed practical nurses (58.2 percent) reported they were married; 12 percent were divorced or separated; 12 percent were widowed; 16.3 percent were single.

As would be expected, single employed licensed practical nurses were younger on the average than were licensed practical nurses in the other marital status categories. Their median age was 26.9 years while married nurses had a median of 43.3 years, the widowed, 58.8 years, and the divorced and separated had a median age of 45.8 years.

Basis of Original License

The inventory form contained a question about whether the original license to practice practical nursing was obtained by examination or waiver. For the most part the term "original license" was not clearly defined

as the first license ever obtained by the nurse regardless of State where the license was being renewed. Some States did ask in which State the first license was obtained to assist in interpreting that question.

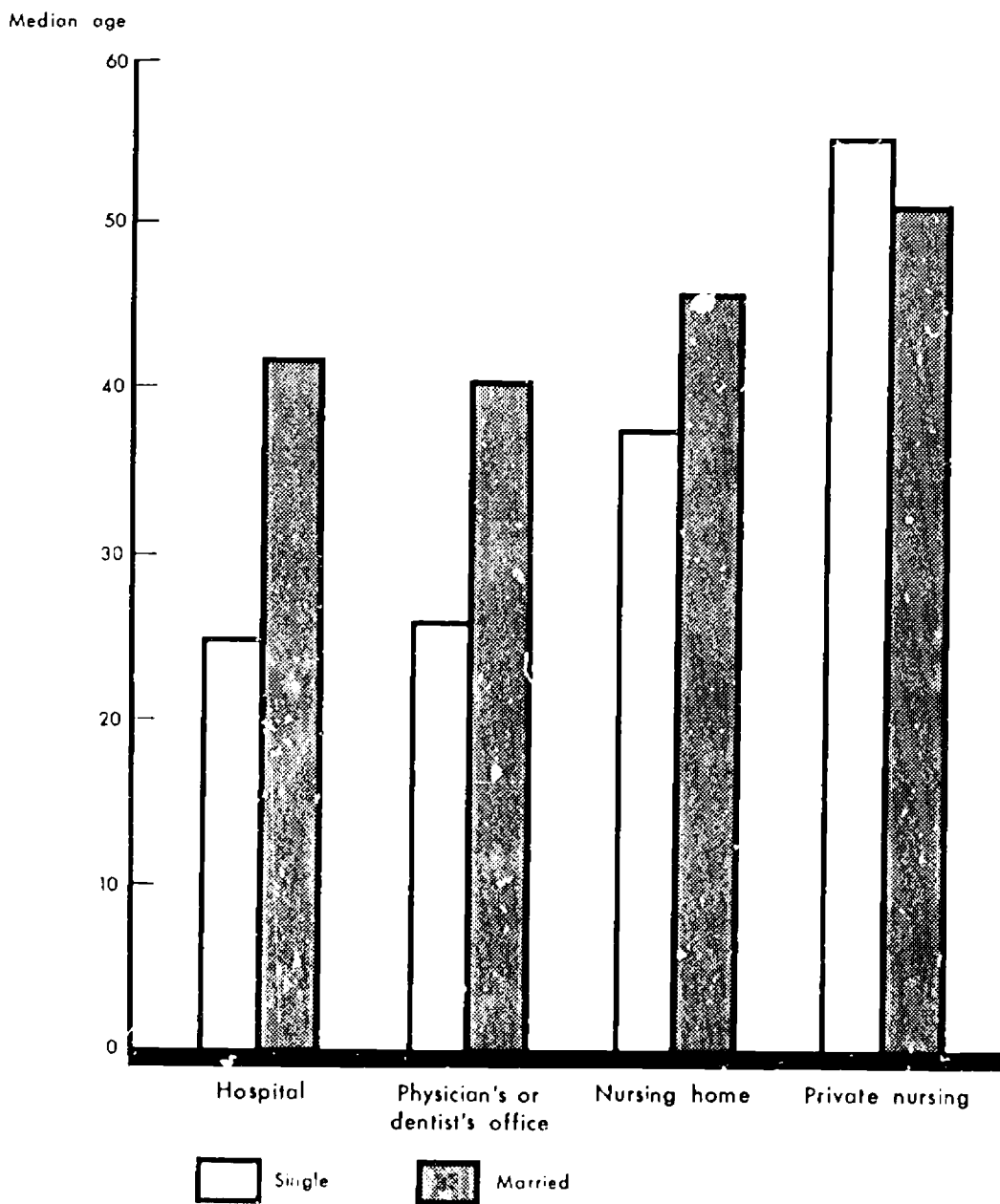
The term "waiver" signifies that some requirement to obtain a license is set aside, such as the necessity to have graduated from a State-approved program of practical or vocational nursing. In some States it is required that these individuals take and pass the examination. Therefore, if the individual completed the Inventory form by checking both waiver and examination, the response was coded as "waiver." However, despite those limitations the characteristics of those who indicated they were originally licensed by examination as compared to those whose original license was by waiver warrants review.

For the United States as a whole it was found that almost 73 percent of the employed licensed practical nurses reported that their original license was obtained by examination and 24.5 percent indicated they were licensed by waiver. Among the States, the highest proportion of original licenses obtained by waiver was found in Pennsylvania (60 percent or about three out of every five employed licensed practical nurses in that State). The States in which at least nine out of 10 employed licensed practical nurses reported having obtained their first license by examination were Minnesota, Maryland, Tennessee, California, Idaho, North Dakota, Alaska, Wisconsin, Iowa, and Nevada.

There is a marked difference in the age distributions of employed licensed practical nurses who obtained original licenses by examination and those who obtained them by waiver. The median age of those who reported theirs was obtained by examination was 39.7 years while the waived licensed practical nurses' average age was 54.3 years. Among the employed licensed practical nurses who were 60 years or older, 55 percent reported that they had obtained their original license by waiver. On the other hand, 96 percent of the employed licensed practical nurses under 30 years of age were licensed originally by examination. The initial passage of a licensing law or an amendment to an existing statute are times when the likelihood occurs of large numbers of licenses being issued by waiver, as the licensure statistics in annual editions of *Facts About Nursing* attest. It is, therefore, more apt to be the older licensed practical nurse who holds a waived license.

¹ Line, Barbara and Knopf, Evelyn, *Nurse Career Pattern Study, Part I: Practical Nursing Programs*, National League for Nursing, 1968, p. 19.

Figure 2. Median age of single and married LPN's in selected fields of nursing, 1967



Employment Setting

Licensed practical nurses are employed predominantly in institutional settings. Sixty-seven percent were estimated to be employed in hospitals in 1967 and another 12 percent were working in nursing homes. About 14 percent of licensed practical nurses were engaged in private nursing, the vast majority of whom were probably caring for patients in hospitals. Data obtained by the American Nurses' Association from nurses' professional registries for 1967 showed that almost 89 percent of the calls filled by licensed practical nurses for private nursing care were for patients in hospitals while only about 11 percent were for patients in their homes.⁵

The distribution of employed licensed practical nurses by employment settings in 1967, when adjusted for non-response as to employment status and field of nursing, is as follows:

Table 2. Field distribution of LPN's

Field of employment	Number	Percent
Total	269,723	100.0
Hospital.....	179,511	66.5
Private nursing.....	37,295	13.8
Nursing home.....	32,139	11.9
Physician's or dentist's office.....	15,598	5.8
Public health.....	3,385	1.3
Industry.....	1,086	.4
Other.....	709	.3

It may be well to point out here that the need for gross manpower statistics does not obviate the need for institutional or agency data, nor is the reverse true. One type of study complements the other and adds to the store of knowledge. Indeed, it would be relatively impossible to assess the status of trends in education, employment, utilization, and adequacy of supply of health manpower without adequate statistics of various kinds.

Estimates of the number of employed practical nurses in various employment settings are available periodically from different sources. The Division of Nursing of the National Institutes of Health in a 1966 study of nursing personnel in hospitals estimated that 160,766 licensed practical nurses were employed in hospitals that year.⁶

The Division of Nursing regularly gathers data on nursing personnel employed in public health. They found that in 1966 there were 826 licensed practical

nurses reported employed in the United States. In their 1968 study, 1,681 licensed practical nurses were reported employed in public health in this country.⁷

Another source of data on where practical nurses are employed is the National Center for Health Statistics. Their Division of Health Resources Statistics surveyed nursing and related homes in 1967 and found that 40,109 licensed practical nurses were working there. These data were collected in the 1967 *Master Facilities Inventory Survey of Inpatient Health Facilities*.⁵

Relatively little information is available on nursing personnel in physicians' offices. Some data were collected by the American Medical Association in a survey of medical groups in the United States in 1965. It was found that 3,636 licensed practical nurses were employed in group practice situations.⁹ The ANA inventory, however, is the major source of data on licensed practical nurses in physicians' and dentists' offices, industry, and private nursing.

There are some interesting distinctions characterizing the supply of licensed practical nurses when examined by field of employment. Hospital-employed licensed practical nurses constitute the largest segment among the various employment settings; in each State and region of the country this employment group predominates. However, there are differences of magnitude according to geographic location. For example, in the Pacific area of the country almost 71 percent of the licensed practical nurses reported they worked in hospitals while in the New England region 62 percent were hospital-employed.

In New England a significantly higher proportion (22 percent) of licensed practical nurses were found working in nursing homes as compared to the 12 percent of the country as a whole. However, the southern part of the country showed a significantly lower proportion (about 9 percent) employed in nursing homes. The three States in the southern area that were exceptions to this relatively low proportion were Florida, Georgia, and Alabama.

For licensed practical nurses in private nursing, the area showing the highest proportion was the Middle Atlantic region (19 percent) and the low was found in the Pacific area, which had only 8 percent reported. In the field of office nursing, a high proportion (8.5 percent) was found in the West South Central area compared to a low (about 3 percent) in the northeastern section of the country.

² *Textbook of Nursing*, 1968 edition, American Nurses' Association, p. 171.

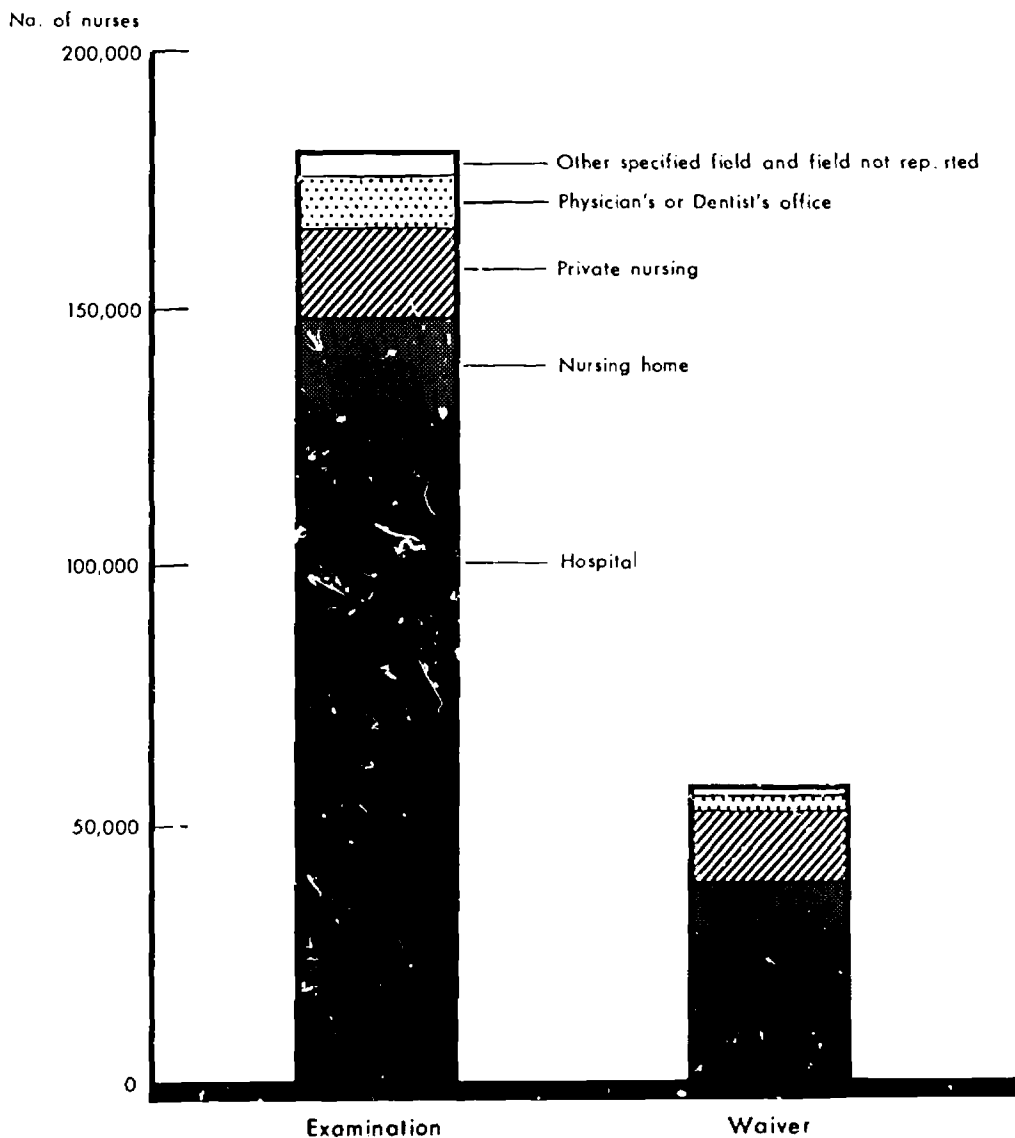
¹ *Health Manpower Survey Report, Section 2, Nursing Personnel, Revised 1974*, Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, p. 97.

² *Source for Public Health*, Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, January 1966 and January 1968.

U.S. Department of Health, Education, and Welfare, Public Health Service
National Center for Health Statistics, Division of Health Resources Statistics, P.O.

2. R. H. R. C. and M. S. S. and M. L. S. *Survey of Mental Cases in the U.S., 1934*, American Medical Association, 1935, p. 52.

Figure 3. Basis of original license of LPN's by employment setting, 1967



Licensed practical nurses in hospitals had a median age of 41.4 years. One-quarter of them were 28.6 years and younger and one-quarter were over 52.2 years. Licensed practical nurses in hospitals and those working in offices were younger on the average than those working in other employment settings. The median age of licensed practical nurses in offices was 40.1 years.

Since most employed licensed practical nurses worked in hospitals it would be expected that the largest number of individuals in every marital status category would be found in hospitals, and this was so. As far as single nurses were concerned, three-quarters of them worked in hospitals, a far greater proportion in hospitals than was found for all employed licensed practical nurses. The median age of single licensed practical nurses in hospitals was 24.8 years; married licensed practical nurses in hospitals had a median age of 41.7 years.

The proportion of licensed practical nurses in hospitals who received their original licenses by waiver was comparatively low (19.5 percent) compared to all other fields in which large numbers of licensed practical nurses were found. The one exception was the physicians' or dentists' offices where only 19.9 percent of licensed practical nurses received their first licenses by waiver. These were the two fields in which the younger licensed practical nurses were found. The younger nurses were more apt to have received their first license by examination than by waiver.

The second largest field of employment for licensed practical nurses is private nursing. These nurses were older on the average than licensed practical nurses in any other employment setting; the median age was 54.9 years. Because of their age level, they showed, as a group, significantly higher proportions of widowed, and divorced and separated persons than was found for all licensed practical nurses. Forty-three percent of licensed practical nurses doing private nursing reported receiving their original licenses by waiver, the highest percentage of any field in which licensed practical nurses were working.

Nursing homes employed the third largest number of licensed practical nurses among the various employment settings. These nurses also tended to be older, on the average, with a median age of 48.2 years. A significantly higher proportion were married and widowed than was found for all licensed practical nurses. As a group, licensed practical nurses in nursing homes had a high proportion (32.9 percent) of waived licenses.

Physicians and dentists employed the fourth largest group of licensed practical nurses to work in their offices. Insofar as age and basis of obtaining original license is concerned, they are similar to the group of licensed practical nurses in hospitals. The marital status distribution of each group was, however, quite different:

69 percent of those employed in offices were married while 58.6 percent of those employed in hospitals were married.

Since there were only small numbers of licensed practical nurses in other types of employment settings than those described, no detailed analysis is warranted. It is of interest, however, to see that while only 1.3 percent of licensed practical nurses in the country as a whole worked in public health, 20.7 percent worked in public health in the State of Alaska.

Men LPN's

A total of 6,910 men licensed practical nurses were employed in nursing in the United States in 1967. They represented 73.3 percent of all men licensed practical nurses and 2.7 percent of all employed licensed practical nurses, male and female. The median age of employed men licensed practical nurses was 44.0 years, about the same as that found for employed women licensed practical nurses (44.3 years). Looking at the distribution of the men by age groups, there appeared to be more of a concentration in the middle categories, such as the 30-34, 35-39, 40-44, and 45-49 age groups, than was found for women.

Twenty-two percent of the employed men licensed practical nurses were single; 66 percent were married; 9 percent were widowed, divorced or separated. The median age of the single men was 38.3 years compared to 26.4 years as the average for the single women who were employed. Two employment settings showed a higher percentage of men licensed practical nurses than of women: in hospitals there were 71.1 percent of men, 65.8 percent of women; in industry there were 1.2 percent of men and .4 percent of women.

A larger proportion of the men licensed practical nurses reported they obtained their first licenses by waiver than did the women (40 percent of employed men licensed practical nurses compared to 24 percent of the employed women licensed practical nurses). The men licensed practical nurses engaged in private nursing showed a higher proportion of those obtaining their first licenses by examination as compared with women in that field. Insofar as the other employment settings were concerned, however, the reverse was true.

The Inactive LPN

Of all licensed practical nurses who held licenses to practice in 1967—343,635—a total of 69,159 reported they were not employed in nursing. From these data it was estimated that the actual number of inactive licensed practical nurses in the United States that year was 73,912 or 21.5 percent of all licensed practical nurses.

The inactive licensed practical nurse had a median age of 42.6 years. Thus, the licensed practical nurse who maintained a license to practice, although not employed, was younger on the average than the employed licensed practical nurse. Seventy-five percent of the inactive licensed practical nurses were married, a much higher proportion than that for the employed licensed practical nurses. Sixteen percent of the inactive licensed practical nurses were widowed, divorced or separated, and almost 7 percent were single. The married inactive licensed practical nurse was younger (38.2 years on the average) than the inactive licensed practical nurses in the other marital status categories. Single inactive licensed practical nurses had a median age of 40.0 years.

There was no difference insofar as employed or inactive licensed practical nurses were concerned in the proportion of those obtaining their original licenses by examination (about 72 percent of the inactive and 73 percent of the employed) and those obtaining them by waiver (about 24 percent of each group).

There were 1,769 men licensed practical nurses holding licenses to practice who were not employed in nursing, 18.8 percent of the 9,420 men in this study. This is a higher proportion inactive than was found for men registered nurses (6.2 percent). The median age of the men inactive licensed practical nurses was 46.1 years, which is somewhat higher than the 44.0 median age of the employed men licensed practical nurses. The opposite was true for the women; employed women licensed practical nurses had a median age of 44.3 years while the inactive women licensed practical nurses had a median of 42.5 years.

No information is available from this study as to the potentiality of the inactive licensed practical nurses for future employment. It may well be that like the registered nurse, the inactive licensed practical nurses who maintain a license in force can be considered a recruitment pool. Of course, an inactive registrant may be employed in a field outside of nursing. In this study anyone not employed as a nurse is considered "inactive."

The LPN and the RN

Since the 1967 licensed practical nurse inventory was conducted in the same manner as the 1966 inventory of registered nurses,¹⁰ some information is provided with which to make comparisons as to the characteristics of these two groups of licensed personnel.

There were 909,131 registered nurses who maintained current licenses in 1966. Therefore, the 343,635 li-

censed practical nurses are about one-third the size of that group. Sixty-seven percent of the registered nurses were estimated to be employed in nursing (613,188) whereas 78 percent (269,723) of the licensed practical nurses were estimated to be employed in nursing. The inventories measure only those nurses who keep their licenses current. It may be that there is more likelihood that the registered nurse will maintain a license than will the licensed practical nurse. This may account for the fact that the percentage of registered nurses who are inactive is greater than is the proportion of licensed practical nurses who are inactive.

Examining both groups in total (employed and inactive) we find that significantly higher proportions of the female licensed practical nurses aged 25 and over were employed in nursing than were the registered nurses. In the youngest age group—those under 25 years—the reverse was true. Differences were not as marked among the men. However, higher proportions of the men licensed practical nurses 50 years and over were employed in nursing than was found among the men registered nurses. In the youngest age group of men licensed practical nurses a smaller proportion was employed in nursing than was found in this age category of men registered nurses.

Looking at the State distributions of employed licensed practical nurses and registered nurses, taking population into account, there is no consistent pattern of relationship between the numbers of persons in each State in these two groups. The following figures show the comparisons between the estimated numbers of employed registered nurses and employed licensed practical nurses according to nine regional areas of the United States:

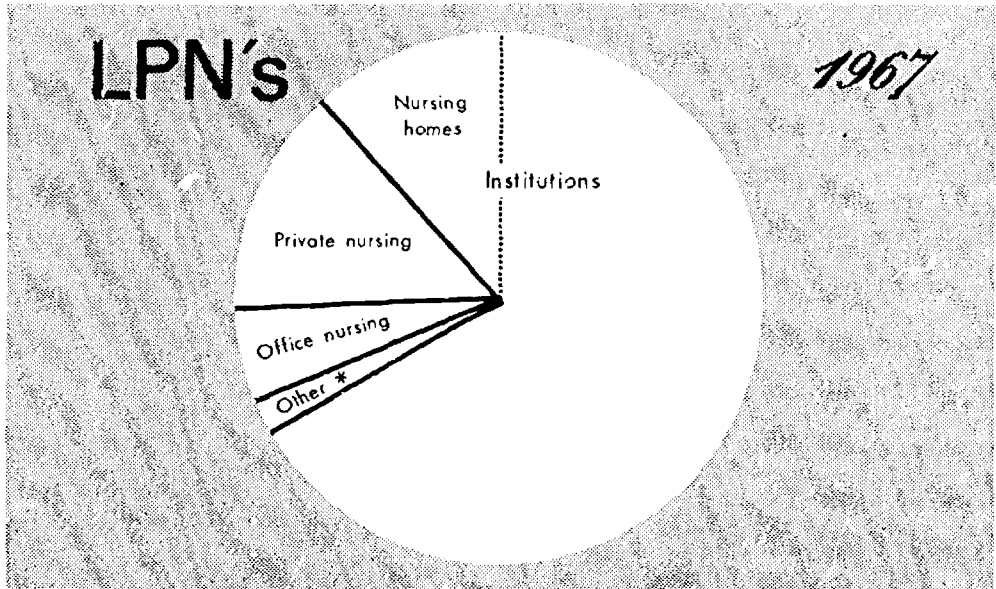
Table 3. Regional distribution of employed RN's and LPN's

Region ¹	Employed RN's Nurse- population ratio		Employed LPN's Nurse- population ratio	
	Number		Number	
United States	613,188	313	269,723	135
New England	57,262	599	20,436	180
Middle Atlantic	145,031	395	58,026	157
South Atlantic	78,450	270	34,468	116
East South Central	22,634	176	16,183	125
West South Central	34,184	182	36,342	190
East North Central	118,555	306	46,310	118
West North Central	51,541	323	18,638	115
Mountain	25,738	334	10,697	132
Pacific	79,793	323	28,623	112

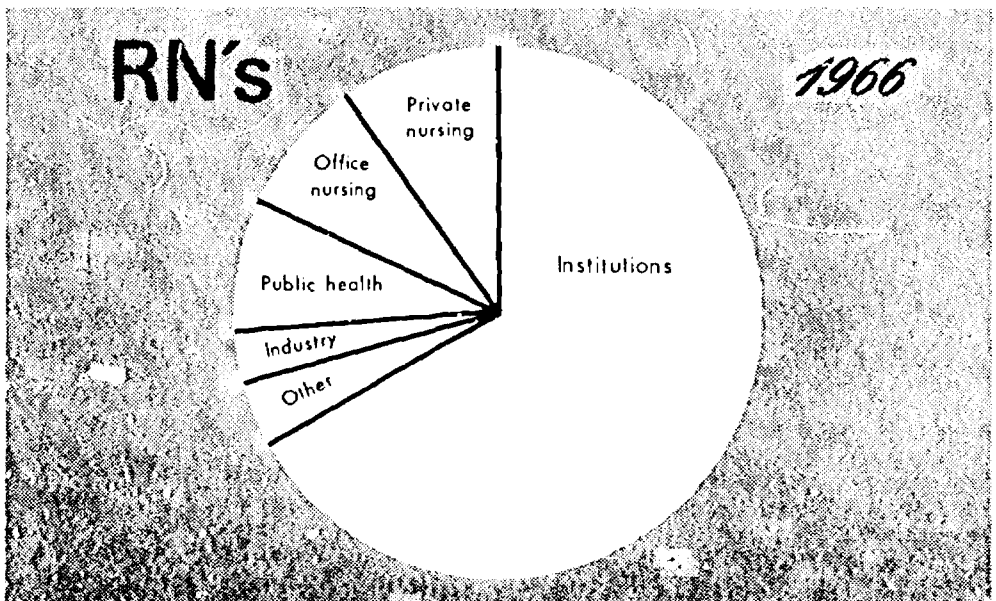
¹⁰ Marshall, Freeman and Moses, Evelyn, RN's 1966, American Nurses' Association, 1969.

¹ States included in each region appear in Appendix A.

Figure 4. Employment settings of LPN's and RN's



* (includes public health, and industry)



Although the numbers of men registered nurses and men licensed practical nurses were virtually identical—6,590 and 6,910, respectively—the men licensed practical nurses represent a more sizable proportion of the entire complement of licensed practical nurses than did the men registered nurses in relation to all registered nurses.

The employed licensed practical nurse was considerably older on the average than the employed registered nurse: the former had a median age of 44.3 years and the median age of the latter was 40.3 years. In all age categories above age 45, there were larger proportions of employed licensed practical nurses compared to registered nurses. In all except 17 States the licensed practical nurses were markedly older on the average than were the registered nurses. The median age of the licensed practical nurses in 19 States was more than 5 years above that of the registered nurse. As can be seen from the following table, among the 17 States that did not follow this general pattern, the median age of the licensed practical nurses was either considerably lower than that of the registered nurses or they were fairly similar.

Table 4. Median age of employed RN's and LPN's in selected States

State	Median age	
	RN's	LPN's
Alaska	37.8	34.0
California	42.5	42.9
Connecticut	40.2	38.7
Iowa	39.2	37.8
Kansas	39.4	40.4
Maine	44.1	43.8
Maryland	38.8	38.4
Michigan	40.5	38.1
Minnesota	38.4	28.0
Nevada	43.7	43.5
New Hampshire	41.6	41.2
New Mexico	42.5	39.6
North Dakota	37.5	24.0
South Dakota	38.3	27.6
Vermont	43.6	44.1
Virginia	39.3	39.7
Wisconsin	39.6	31.4

As compared to the registered nurses, it was found that smaller proportions of licensed practical nurses were single or married, and that larger proportions were widowed, divorced or separated. This probably reflects the fact that licensed practical nurses tended to be older than the registered nurses on the average.

As was mentioned previously, licensed practical nurses tended to be concentrated in institutional settings and in private nursing. Compared to the registered nurses there were comparatively few licensed practical nurses employed in public health work, in industry, and physicians' and dentists' offices.

Table 5. Field distribution of RN's and LPN's

Field of employment	Number of RN's	Number of LPN's
Total	613,188	269,723
Institutions	410,127	211,650
Private nursing	60,477	37,295
Office nursing	50,365	15,598
Public health	49,012	3,385
Industry	19,199	1,086
Other	24,008	709

¹ Includes school of nursing.

It is interesting to note that the age and marital status distributions in the various fields of nursing found for the licensed practical nurses tended to be similar to that found for the registered nurses. As was true for the registered nurses, licensed practical nurses in hospitals and office nursing were from the younger segment of the employed nurse population and those in private nursing, from the oldest. Hospital nursing appeared to have a large segment of the young single registered nurses as was true for the licensed practical nurses. Office nursing tended to have a relatively high proportion of married nurses among both the registered nurses and the licensed practical nurses.

Conclusion

Information about health manpower is under close scrutiny today in this Nation's efforts to meet the increasing demand for health care. To recruit more students into educational programs that take advantage of their capabilities; to produce additional personnel, possibly in new occupations; to provide educational and experiential opportunities for personnel to advance in their careers are today's goals in the health field. The periodic availability of certain benchmark data is required to evaluate progress toward these goals.

Since nursing personnel is a key group in the health manpower spectrum, a continuous series of comprehensive information is valuable in such evaluations. The five inventories of registered nurses which have been conducted provide such data for this segment of the

nursing personnel. The 1967 inventory of licensed practical nurses is the first nationwide census that gathered information on the characteristics of these practitioners. Baseline data afforded by this survey can be utilized for further research.

In addition to continuing to collect such data as ANA obtained in 1967 in order to have comparable statistics on licensed practical nurses, there is the need for some additional items of information and the refinement of certain questions. For example, a question on educational background could be introduced into a subsequent inventory. While the 1967 study attempted to find the basis upon which original licenses were obtained, it did not determine the actual educational background of the practical nurse. Also, a question on full- and part-time employment will be added to the next set of inventory questions.

APPENDIX A

Table 1A. Employment status of licensed practical or vocational nurses in each State, 1967

State	Total number	Employed in nursing		Not employed in nursing		Employment status not reported	
		Number	Percent	Number	Percent	Number	Percent
United States	343,635	252,522	73.5	69,189	20.1	21,924	6.4
Alabama.....	5,271	4,263	80.9	805	15.3	203	3.8
Alaska.....	285	193	69.5	86	30.2	1	.3
Arizona.....	2,221	1,709	77.0	478	21.5	34	1.5
Arkansas.....	4,128	3,360	81.4	664	16.1	104	2.5
California.....	26,203	18,479	70.5	5,626	21.5	2,098	8.0
Colorado.....	4,510	3,657	81.1	809	17.9	44	1.0
Connecticut.....	4,386	3,549	80.9	683	15.6	154	3.5
Delaware.....	803	640	79.7	149	18.6	14	1.7
District of Columbia.....	2,431	2,090	85.0	259	10.6	82	3.4
Florida.....	11,625	8,753	75.3	1,674	14.4	1,198	10.3
Georgia.....	4,987	3,801	76.2	1,046	21.0	140	2.8
Hawaii.....	1,588	1,203	75.7	244	15.4	141	8.9
Idaho.....	1,957	1,439	73.5	510	26.1	8	.4
Illinois.....	14,571	11,150	76.5	2,231	15.3	1,190	8.2
Indiana.....	3,885	2,997	77.1	620	16.0	268	6.9
Iowa.....	3,335	2,373	71.1	86	26.3	86	2.6
Kansas.....	2,422	1,801	74.4	503	20.7	118	4.9
Kentucky.....	3,621	2,787	77.0	666	18.4	163	4.6
Louisiana.....	6,322	5,032	79.6	1,248	19.7	42	.7
Maine.....	1,037	655	63.2	327	31.5	55	5.3
Maryland.....	3,990	3,025	75.8	912	22.9	53	1.3
Massachusetts.....	16,633	9,532	57.3	3,176	19.1	3,925	23.6
Michigan.....	16,122	10,781	66.9	3,778	23.4	1,563	9.7
Minnesota.....	6,226	4,964	79.7	1,158	18.6	104	1.7
Mississippi.....	3,579	2,912	81.4	533	14.9	134	3.7
Missouri.....	7,901	6,490	82.1	1,032	13.1	379	4.8
Montana.....	812	587	72.3	221	27.2	4	.5
Nebraska.....	1,528	1,144	74.9	348	22.8	36	2.3
Nevada.....	800	544	67.9	250	30.7	12	1.5
New Hampshire.....	1,436	932	64.9	388	27.0	116	8.1
New Jersey.....	11,086	7,464	67.3	2,776	25.1	846	7.6
New Mexico.....	1,515	1,116	73.7	307	20.2	92	6.1
New York.....	34,850	24,961	71.6	9,436	27.1	453	1.3
North Carolina.....	6,593	5,229	79.3	1,153	17.5	211	3.2
North Dakota.....	766	603	78.7	160	20.9	3	.4
Ohio.....	18,368	14,683	79.9	3,307	18.0	378	2.1
Oklahoma.....	4,195	2,973	70.9	713	17.0	509	12.1
Oregon.....	3,001	2,164	72.1	818	27.3	19	.6
Pennsylvania.....	31,747	23,940	75.4	6,878	21.7	929	2.9
Rhode Island.....	2,153	1,585	73.6	505	23.5	63	2.9
South Carolina.....	2,676	2,183	81.6	423	16.0	65	2.4
South Dakota.....	817	614	75.1	159	19.5	44	5.4
Tennessee.....	6,969	5,669	81.3	1,155	16.6	145	2.1
Texas.....	30,811	20,257	65.7	5,270	17.1	5,307	17.2
Utah.....	1,551	1,191	76.8	339	21.8	21	1.4
Vermont.....	1,279	935	73.1	316	24.7	28	2.2
Virginia.....	5,859	4,608	82.1	959	16.3	92	1.6
Washington.....	7,014	4,757	67.8	2,143	30.6	114	1.6
West Virginia.....	2,821	2,317	82.1	406	14.4	98	3.5
Wisconsin.....	4,570	3,959	86.9	573	12.5	78	.6
Wyoming.....	374	277	74.1	92	24.6	5	1.3

Table 2A. Adjusted totals for employed licensed practical or vocational nurses in each State and region and ratio per 100,000 population, 1967

State and region	Employed nurses ¹ (adjusted figure)	Nurse-population ratio ²	State and region	Employed nurses ¹ (adjusted figure)	Nurse-population ratio ²
United States	269,723	1.5	East North Central	46,310	118
New England	20,436	180	Illinois.....	12,146	111
Connecticut.....	3,677	125	Indiana.....	3,222	64
Maine.....	691	70	Michigan.....	11,948	140
Massachusetts.....	12,469	228	Ohio.....	14,998	141
New Hampshire.....	1,011	151	Wisconsin.....	3,996	94
Rhode Island.....	1,632	181	West North Central	18,638	115
Vermont.....	956	236	Iowa.....	2,440	87
Middle Atlantic	59,026	157	Kansas.....	1,897	83
New Jersey.....	8,081	115	Minnesota.....	5,053	139
New York.....	25,293	139	Missouri.....	6,819	149
Pennsylvania.....	24,652	210	Nebraska.....	1,172	79
South Atlantic	34,468	116	North Dakota.....	606	94
Delaware.....	650	125	South Dakota.....	651	92
District of Col.....	2,162	267	Mountain	10,697	132
Florida.....	9,747	158	Arizona.....	1,737	104
Georgia.....	3,912	88	Colorado.....	3,696	181
Maryland.....	3,065	82	Idaho.....	1,445	205
North Carolina.....	5,407	108	Montana.....	591	82
South Carolina.....	2,239	85	Nevada.....	552	116
Virginia.....	4,884	107	New Mexico.....	1,188	112
West Virginia.....	2,402	136	Utah.....	1,207	116
East South Central	16,183	125	Wyoming.....	281	80
Alabama.....	4,437	125	Pacific	28,623	112
Kentucky.....	2,924	92	Alaska.....	199	73
Mississippi.....	3,029	130	California.....	20,031	103
Tennessee.....	5,793	149	Hawaii.....	1,319	176
West South Central	36,342	190	Oregon.....	2,179	109
Arkansas.....	3,448	176	Washington.....	4,835	155
Louisiana.....	5,067	138			
Oklahoma.....	3,387	136			
Texas.....	24,440	222			

¹ Adjusted for nonresponse.

² Ratios based on December 31, 1967 population from "Sales Management, Survey of Buying Power." Copyright June 10, 1968. Population figures exclude armed forces overseas.

Table 3A. Number of licensed practical or vocational nurses, by age group, marital status, and employment status, 1967

Marital status and employment status	Total number	Under 18	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	Age not reported
Total	343,635	1,601	41,204	34,614	27,034	29,874	31,742	35,590	38,174	33,933	23,600	23,810	22,459
Single	46,799	1,081	22,309	6,519	2,938	2,475	2,136	2,173	2,473	2,647	2,146	2,708	1,134
Employed	41,237	992	16,987	5,869	2,686	2,196	1,912	1,900	2,119	2,219	1,754	1,763	885
Not employed	4,660	71	1,135	557	262	238	191	222	289	369	315	877	134
Not reported	52	18	187	93	50	41	33	42	65	59	77	122	115
Married	203,384	350	21,063	24,738	19,857	21,740	22,148	25,044	25,034	19,565	10,962	6,817	5,366
Employed	146,852	295	13,888	15,136	13,554	16,524	18,236	19,972	19,683	14,743	7,455	2,644	3,766
Not employed	51,945	89	6,947	9,288	5,979	4,820	4,106	4,558	4,780	4,264	3,119	2,840	1,176
Not reported	4,556	6	228	314	324	396	506	508	571	558	388	333	424
Widowed	38,447	7	63	222	367	798	1,575	2,974	5,323	6,946	7,163	11,415	1,594
Employed	25,596	7	49	161	240	671	1,339	2,614	4,646	5,945	5,667	7,097	1,110
Not employed	7,356	...	13	50	70	108	202	294	536	795	1,237	3,759	292
Not reported	1,495	...	1	11	7	19	34	66	141	206	259	559	192
Divorced or separated	34,840	12	952	2,650	3,248	4,274	4,514	4,652	4,522	3,941	2,650	2,132	1,293
Employed	30,170	9	779	2,297	2,910	3,811	4,064	4,159	3,969	3,419	2,196	1,446	1,068
Not employed	3,801	3	708	309	284	370	371	389	413	415	376	610	153
Not reported	863	...	...	44	54	93	79	104	140	167	78	76	72
Marital status not reported	20,165	151	817	485	562	587	669	747	822	834	679	738	13,072
Employed	4,651	5	123	208	270	289	369	425	571	525	434	331	1,082
Not employed	1,406	...	48	59	59	63	67	90	112	136	121	263	401
Not reported	14,108	146	581	218	235	235	233	232	89	179	124	147	11,589

Table 4A. Percent of licensed practical or vocational nurses, by age group, marital status, and employment status, 1967

Marital status and employment status	Total		Under 20	Age group										65 and over	Abs and not reported
	Number	Percent		20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64			
Total	343,635	...	1,601	41,204	34,614	27,034	29,874	31,742	35,590	38,174	33,933	23,600	23,810	22,459	
Single	46,799	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Employed	44,737	95.6	91.8	92.8	90.0	89.6	88.7	89.5	87.9	85.7	83.8	81.7	63.1	78.1	
Not employed	2,062	4.4	8.2	7.2	10.4	10.4	11.3	9.5	12.1	14.3	16.2	18.3	36.9	21.9	
Not reported	96	0.2	1.9	1.0	1.4	1.7	1.7	1.5	1.9	2.6	2.2	3.6	4.5	10.1	
Married	203,384	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Employed	146,862	72.2	72.9	65.9	61.2	68.3	76.0	79.8	79.8	78.6	75.4	68.0	53.4	70.2	
Not employed	51,966	25.6	25.4	33.0	37.5	30.1	22.2	18.0	18.2	19.1	21.8	28.5	41.7	21.9	
Not reported	4,556	2.2	1.7	1.1	1.3	1.6	1.5	2.2	2.0	2.3	2.8	3.5	4.9	7.9	
Widowed	38,447	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Employed	29,505	77.0	77.8	72.5	79.6	79.6	84.1	85.0	87.9	87.3	85.6	79.1	62.2	67.9	
Not employed	7,356	19.1	20.6	22.5	19.1	19.1	13.5	12.3	9.9	10.1	11.4	17.3	32.9	18.3	
Not reported	1,496	3.9	1.6	5.0	1.9	1.9	2.4	2.2	2.2	2.6	3.0	3.6	4.9	12.1	
Divorced or separated	34,840	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Employed	30,176	86.6	75.0	87.0	86.7	89.6	89.2	90.0	89.4	87.8	86.8	82.9	67.8	82.6	
Not employed	3,801	10.9	25.0	11.3	11.7	8.7	8.6	8.2	8.4	9.1	10.5	14.2	28.6	11.8	
Not reported	863	2.5	1.7	1.7	1.6	1.7	2.2	1.8	2.2	3.1	2.7	2.9	3.6	5.6	
Marital status not reported	20,165	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Employed	4,651	23.0	3.3	23.0	42.9	47.9	49.3	56.2	56.9	63.4	63.4	63.9	44.9	8.3	
Not employed	1,406	7.0	5.0	5.0	12.2	10.4	10.7	10.9	12.0	13.6	15.1	17.8	35.2	3.1	
Not reported	14,108	70.0	96.7	71.1	43.9	41.7	40.0	34.8	31.1	23.0	21.5	18.3	19.9	88.6	

Table 5A. Age groups of employed licensed practical or vocational nurses in each State and region, 1967

State and region	Total num-ber	Under 20			20-24			25-29			30-34			35-39			40-44			45-49			50-54			55-59			60-64			65 and over			Not reported
		Num-ber	Per- cent	Num-ber	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent					
United States	252,522	1,268		31,940	12.7		23,671	9.4		19,710	7.8		23,491	9.3		25,920	10.3		29,085	11.5		30,938	12.3		26,855	10.6		17,506	6.9		14,227	5.6		7,911	3.1
New England	17,188	85		5	2,815	16.4	1,542	9.0		1,060	6.2		1,333	7.8		1,521	8.8		1,729	10.0		1,919	11.2		1,674	9.7		1,117	6.5		933	5.4		1,460	8.5
Connecticut	3,529	72		2	584	16.7	376	10.7		279	7.9		302	8.7		330	9.3		316	9.3		331	9.3		310	8.7		176	5.0		173	4.9		122	3.4
Maine	655				116	17.7	75	11.5		42	6.2		47	7.2		48	7.3		39	5.9		69	10.5		59	9.0		45	6.9		43	6.6		54	8.2
Massachusetts	9,527	6		1	1,317	13.8	674	7.1		531	5.6		751	7.9		847	8.9		1,011	10.6		1,133	11.9		970	10.2		645	6.8		449	4.7		1,152	12.2
New Hampshire	932	4		1	182	19.5	107	11.5		66	7.1		72	7.7		79	8.5		67	7.2		84	9.0		89	9.6		73	7.8		76	8.2		33	3.5
Rhode Island	1,585	2		1	295	16.1	192	12.1		80	5.1		116	7.3		141	8.9		174	11.0		184	11.6		146	9.2		115	7.3		116	7.3		64	4.0
Vermont	935	1		1	191	20.4	91	9.8		56	6.0		56	6.0		76	8.1		92	9.9		114	12.2		100	10.7		63	6.7		76	8.1		19	2.0
Middle Atlantic	56,365	626		11	6,779	12.0	4,541	8.1		3,777	6.7		5,003	8.9		5,902	10.5		6,505	11.5		6,935	12.2		6,209	11.2		4,498	8.0		4,233	7.5		1,296	2.3
New Jersey	7,454	5		1	124	10.7	582	7.8		437	5.9		613	8.2		663	8.9		786	10.5		881	11.8		792	10.5		608	8.1		710	9.5		598	8.0
New York	24,964	128		6	3,489	13.9	2,302	9.6		1,751	7.0		2,156	8.6		2,473	9.9		2,576	10.3		2,643	10.6		2,558	10.3		2,322	9.3		2,382	9.5		401	1.6
Pennsylvania	23,930	423		20	2,513	10.5	1,566	6.5		1,383	6.6		2,244	9.4		2,767	11.6		3,153	13.1		3,371	14.1		3,569	12.4		3,187	12.4		3,141	9.8		297	1.2
South Atlantic	32,446	115		3	3,516	10.7	3,120	9.5		2,890	8.3		3,369	10.3		3,512	10.7		3,877	11.8		3,940	12.0		3,317	10.1		2,129	6.5		1,739	5.3		1,322	4.0
Delaware	2,760	1		1	92	12.8	58	9.1		46	7.2		50	7.2		78	10.5		76	11.0		93	12.5		72	11.3		42	6.6		52	8.1		1	0.1
Dist. of Columbia	2,760	1		1	127	6.1	270	10.5		272	10.9		229	8.3		252	12.0		230	11.0		270	12.0		152	7.8		96	4.6		56	2.7		251	12.0
Florida	8,753	2		1	777	8.9	771	8.8		601	6.9		729	8.3		838	9.6		911	11.1		1,066	12.4		1,042	11.9		696	8.0		669	7.6		527	6.0
Georgia	3,402	1		1	790	7.6	310	9.2		244	9.0		442	12.6		433	11.4		501	13.2		487	12.8		371	9.8		270	7.1		168	4.4		182	4.8
Virginia	3,295	7		2	403	13.3	349	12.9		372	12.5		430	13.2		385	11.8		648	12.4		622	11.9		502	9.6		328	6.3		286	5.5		155	1.6
North Carolina	2,793	6		1	908	11.4	498	9.5		414	9.4		578	11.0		604	11.6		648	12.4		622	11.9		502	9.6		328	6.3		286	5.5		155	1.6
South Carolina	2,793	1		1	209	9.6	293	12.3		303	10.8		248	9.1		248	11.4		253	11.6		297	13.6		226	10.3		131	6.0		83	3.3		112	5.1
Virginia	4,408	72		15	757	15.8	592	12.3		501	10.4		500	10.4		454	9.4		519	10.8		507	10.6		400	8.3		260	5.4		232	4.6		24	0.5
West Virginia	2,317	6		3	202	9.7	123	5.3		110	4.7		210	9.1		261	11.3		341	14.7		373	16.1		320	13.8		203	8.8		156	6.7		12	0.5
East South Central	15,631	36		2	1,315	8.4	1,358	8.7		1,343	8.6		1,743	11.2		1,862	11.9		2,113	13.5		2,270	14.5		1,733	11.1		999	6.4		639	4.1		220	1.4
Alabama	2,753	9		2	338	7.6	355	8.3		437	10.3		389	12.0		517	12.1		588	14.0		681	16.0		477	11.2		214	5.0		85	2.0		43	1.0
Kentucky	2,753	4		1	492	14.4	319	11.5		251	9.0		294	10.5		258	9.3		322	11.6		305	10.5		236	8.5		156	5.6		158	5.7		82	2.9
Mississippi	2,753	2		1	742	6.3	160	5.5		174	6.0		314	10.8		336	11.5		401	13.8		463	15.9		441	15.1		270	9.3		140	4.8		10	0.3
Tennessee	5,969	2		1	393	6.9	524	9.2		481	8.5		676	11.1		731	13.3		792	14.0		871	14.5		579	10.2		359	6.3		256	4.5		85	1.5
West South Central	31,602	45		1	2,726	8.9	2,721	8.6		2,806	8.2		3,179	10.1		3,421	10.8		4,042	12.8		4,250	13.5		3,757	11.9		2,365	7.5		1,773	5.6		716	2.3
Arkansas	3,320	23		2	765	7.2	750	7.4		785	7.9		928	9.8		1,024	12.6		1,142	14.5		1,215	14.7		1,024	12.6		672	6.6		169	5.0		29	0.9
Louisiana	5,032	8		2	361	7.2	362	7.2		401	7.9		527	10.5		589	11.7		742	14.7		726	14.4		656	13.0		397	7.9		255	5.1		8	0.2
Oklahoma	2,753	1		1	157	5.1	217	7.3		210	7.1		302	10.2		303	10.2		390	13.1		382	12.9		367	12.3		227	7.6		193	6.5		230	7.7
Texas	20,737	17		1	1,938	9.6	1,892	9.4		1,730	8.5		2,022	10.0		2,105	10.4		2,421	12.0		2,649	13.1		2,332	11.5		1,520	7.5		1,156	5.7		449	2.2
East North Central	43,580	59		1	6,305	15.6	4,539	10.5		3,555	7.5		4,987	9.2		4,423	10.1		4,812	11.1		5,268	12.1		4,213	9.7		2,746	6.3		2,079	4.8		934	2.1
Illinois	11,750	10		1	1,134	10.2	910	8.2		956	8.1		1,039	9.3		1,318	11.8		1,407	12.6		1,572	13.2		1,225	10.6		778	7.0		605	5.4		346	3.1
Indiana	12,497	7		1	456	3.6	256	2.3		256	2.3		256	2.3		256	2.3		316	10.6		420	14.0		328	10.9		201	6.7		231	6.7		45	1.5
Iowa	2,323	2		1	522	25.6	286	11.9		155	6.5		173	7.6		157	7.9		181	7.6		220	9.3		202	8.5		130	5.5		176	7.4		26	1.1
Kansas	1,501	2		1	252	16.8	165	9.2		109	6.0		150	8.0		150	8.0		154	8.6		155	8.8		126	7.0		78	4.3		55	3.0		369	20.5
Michigan	15,721	12		1	1,953	14.5	1,041	7.0		1,013	6.9		1,061	7.9		1,085	9.5		1,220	11.3		1,131	10.5		760	7.1		458	4.2		241	2.2		176	1.6
Minnesota	6,429	9		1	507	7.7	505																												

Table 5A. Age groups of employed licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	under 20			20-24			25-29			30-34			35-39			40-44			45-49			50-54			55-59			60-64			65 and over			Not reported		
	Num-ber	Per-cent	Num-ber	Num-ber	Per-cent	Num-ber	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
Mountain	19	1	1,109	10.5	935	9.4	775	7.4	839	8.5	1,015	9.6	1,206	11.5	1,376	13.1	1,344	12.8	903	8.6	799	7.6	99	9												
Alaska	1	.5	33	10.7	36	18.2	28	14.1	15	7.6	17	8.6	15	7.6	23	11.6	9	4.5	5	2.5	3	1.5	13	6.6												
Arizona	1	.1	169	9.9	161	9.4	133	7.8	116	6.8	151	9.8	200	11.7	221	12.9	252	14.2	152	8.9	130	7.6	22	1.3												
Colorado	3	.1	401	11.0	333	9.1	255	7.0	309	8.4	356	9.8	391	10.7	447	12.2	430	11.8	345	9.5	362	9.9	19	.5												
Idaho	1	.1	111	7.7	102	7.1	105	7.3	134	9.3	155	10.8	188	13.1	270	15.3	221	15.3	108	7.5	92	6.4	2	.1												
Montana	1	.7	92	15.7	61	10.4	31	5.3	45	7.7	39	6.6	55	9.4	87	14.8	82	13.9	44	7.5	47	8.0	4	.7												
Nevada	4	.7	63	11.6	53	9.7	57	10.5	48	8.8	60	11.0	70	12.9	64	11.8	32	9.6	48	8.8	14	2.6	11	2.0												
New Mexico	1	.1	167	15.0	164	14.7	117	10.5	106	9.5	116	10.4	109	9.8	109	9.8	52	8.2	58	5.2	52	4.6	26	2.3												
Utah	1	.1	84	7.1	101	8.5	67	5.6	109	5.2	105	8.8	162	13.6	184	15.4	176	14.8	117	9.4	78	6.5	13	1.1												
Wyoming	1	.1	22	7.9	10	3.6	10	3.6	32	11.6	31	11.2	31	11.2	44	15.9	39	14.1	32	11.6	24	8.6	2	.7												
Pacific	195	7	2,997	10.8	2,520	9.4	2,250	8.4	2,568	9.6	2,928	10.9	3,285	12.3	3,476	13.0	2,946	11.6	1,669	6.2	955	3.6	1,097	4.1												
Alaska	1	.5	33	10.7	36	18.2	28	14.1	15	7.6	17	8.6	15	7.6	23	11.6	9	4.5	5	2.5	3	1.5	13	6.6												
California	154	.8	1,980	10.7	1,889	10.2	1,666	9.0	1,875	10.2	2,050	11.1	2,267	12.3	2,297	12.4	1,817	9.8	1,013	5.5	511	2.8	960	5.2												
Hawaii	1	.1	144	11.9	124	10.3	100	8.3	148	12.3	184	15.3	166	13.8	127	10.6	127	10.6	47	3.9	11	.9	25	2.1												
Oregon	34	1.6	346	16.0	189	8.7	160	7.4	163	7.5	203	9.4	221	10.2	306	14.2	270	12.5	165	7.6	96	4.2	11	.5												
Washington	6	.1	404	8.5	282	5.9	296	6.2	367	7.7	474	10.0	619	13.0	723	15.2	725	15.3	439	9.2	334	7.0	88	1.9												

1 Less than .1 percent.

Table 6A. Age groups of inactive licensed practical or vocational nurses in each State and region, 1967

Total num- ber	State and region	Under 20			20-24			25-29			30-34			35-39			40-44			45-49			50-54			55-59			60-64			65 and over			Not reported	
		Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Fer- til- ity	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent				
69,185	United States	163		8,251	11.6	10,263		6,654	9.6	5,599		4,937	7.1	5,553	8.0	6,130	8.9	5,969	8.6	5,158	7.5	8,346	12.1	2,156	3.1											
100.0	Percent	2	(1)	780	14.4	934	17.2	583	10.8	407	7.5	307	5.7	351	6.7	371	6.9	338	6.3	284	5.3	559	10.4	469	8.7											
5,395	New England	2	(1)	780	14.4	934	17.2	583	10.8	407	7.5	307	5.7	351	6.7	371	6.9	338	6.3	284	5.3	559	10.4	469	8.7											
625	Connecticut	7	13	142	29.8	147	21.5	52	9.4	48	7.0	38	5.6	47	6.9	54	7.9	45	6.6	27	3.2	53	7.7	21	3.1											
31	Maine	1	.3	53	17.8	69	21.1	37	11.3	18	5.5	20	6.1	18	5.5	16	4.9	18	5.5	15	4.6	34	10.4	24	7.3											
3,176	Massachusetts	359	12.3	433	15.7	359	11.6	270	8.5	162	2.9	72	2.9	72	2.9	224	6.4	178	5.6	185	5.6	303	9.6	324	12.1											
398	New Hampshire	61	15.7	67	17.3	42	10.8	26	6.7	21	5.4	20	5.2	33	8.5	21	5.4	24	6.2	57	11.7	16	4.1													
505	Rhode Island	62	12.5	104	20.6	42	8.3	31	6.1	30	5.9	33	6.5	42	8.3	49	9.7	24	4.4	72	14.3	16	3.2													
316	Vermont	53	21.5	64	20.3	29	9.2	14	4.4	16	5.1	14	4.4	22	7.0	27	8.5	14	4.4	40	12.7	8	2.5													
19,090	Middle Atlantic	82	4	2,344	12.3	2,649	13.9	1,535	8.0	1,424	7.5	1,336	7.0	1,379	7.2	1,586	8.3	1,648	8.6	1,575	8.3	3,116	16.3	416	2.2											
2,776	New Jersey	4	1	293	10.6	318	12.6	218	7.9	191	5.9	151	6.9	179	6.4	218	7.9	229	8.2	204	7.3	466	16.8	405	7.4											
9,436	New York	35	4	951	10.1	1,229	13.0	753	8.0	748	7.9	648	6.9	616	6.5	712	7.5	811	8.6	798	8.5	2,003	21.2	132	1.4											
5,928	Pennsylvania	43	5	1,161	16.0	1,042	15.2	564	8.2	485	7.1	497	7.2	584	8.5	656	9.5	608	8.8	573	8.3	647	9.4	79	1.2											
6,386	South Atlantic	14	3	771	10.0	895	12.8	704	10.1	662	9.5	573	8.2	596	8.5	638	9.1	658	9.4	528	7.6	786	11.3	226	3.2											
189	Delaware	2	.3	168	4.9	128	4.3	16	10.7	13	8.7	10	6.7	16	10.7	13	8.7	9	6.1	16	10.7	11	7.4	1	.7											
259	District of Columbia	1	.1	27	8.5	42	15.4	43	16.6	24	9.3	19	7.3	12	4.6	14	5.4	24	9.3	15	5.8	14	5.4	32	12.4											
1,634	Florida	1	1	81	5.3	127	7.6	107	6.4	118	7.0	119	7.1	145	8.7	198	11.6	195	11.6	192	11.5	291	17.4	92	5.5											
1,036	Georgia	1	.3	79	9.3	89	10.2	98	9.7	93	9.3	96	9.2	100	9.5	102	9.8	112	10.7	91	8.7	129	12.3	41	3.9											
917	Maryland	3	3	127	13.9	149	16.3	122	13.4	113	13.1	77	8.4	79	8.7	77	8.4	54	5.9	26	2.9	56	6.2	23	2.5											
1,153	North Carolina	1	1	115	10.0	178	15.4	146	12.7	130	11.3	119	10.3	97	8.4	100	8.7	102	8.8	66	5.9	77	8.9	77	10											
428	South Carolina	1	1	47	11.0	79	18.5	40	9.3	32	7.5	44	10.3	33	7.8	34	7.9	30	7.0	34	7.9	101	10.5	9	.9											
959	Virginia	14	1.5	167	16.0	175	18.2	102	10.6	99	10.3	63	6.6	61	6.4	48	5.0	73	7.6	52	5.4	101	10.5	9	.9											
406	West Virginia	3	1	31	7.6	35	8.6	26	6.4	22	5.4	38	9.4	42	10.3	53	13.1	55	13.6	40	9.9	61	15.0	3	.7											
3,159	East South Central	18	.6	301	9.5	402	12.7	318	10.1	321	10.2	287	9.0	323	9.5	326	10.6	289	9.1	251	7.3	284	9.0	43	1.4											
205	Alabama	2	.2	59	8.6	113	14.0	84	10.4	65	8.1	72	9.0	91	11.3	95	11.8	83	10.3	63	7.8	60	7.5	8	1.0											
663	Kentucky	2	.2	58	14.7	113	17.0	62	9.3	69	10.4	52	7.8	42	6.3	45	6.7	49	7.3	41	6.2	58	11.7	17	2.6											
533	Mississippi	3	16	30	50	9.4	33	6.2	51	5.6	66	12.4	46	8.6	65	12.2	56	10.3	50	9.4	44	8.2	7	.7												
1,155	Tennessee	1	16	24	7.3	143	12.4	121	16.5	121	10.5	117	10.1	131	11.3	141	12.2	107	9.3	83	7.2	89	7.7	18	1.5											
7,895	West South Central	7	1	654	8.3	874	11.1	728	9.2	706	8.9	630	8.0	753	9.5	822	10.4	755	10.1	705	8.9	1,035	13.1	186	2.4											
664	Arkansas	1	2	30	4.5	69	10.4	51	7.7	60	9.0	52	7.8	63	9.5	95	14.3	76	11.5	72	10.8	87	13.1	8	1.2											
1,248	Louisiana	1	1	81	5.5	102	8.2	102	8.2	118	9.4	117	9.4	140	11.2	147	11.7	162	13.0	127	10.2	146	11.7	5	.4											
711	Oklahoma	2	3	58	6.7	66	9.3	52	7.5	46	6.4	62	8.7	61	8.6	63	8.8	69	9.7	65	9.1	134	18.8	45	6.3											
5,270	Texas	3	(1)	495	9.4	637	12.1	523	9.9	482	9.1	399	7.6	489	9.3	517	9.8	488	9.3	441	8.4	668	12.7	128	2.4											
10,509	East North Central	4	(1)	1,511	14.5	2,133	20.3	1,170	11.2	810	7.7	527	6.6	733	7.0	833	7.9	791	7.5	639	6.1	923	8.8	253	2.4											
2,231	Illinois	2	23	1	(1)	279	12.5	302	13.5	195	8.7	176	7.9	169	7.6	180	8.1	202	9.1	192	8.6	159	7.5	87	3.9											
620	Indiana	1	(1)	34	13.6	102	16.5	58	9.4	48	7.7	45	7.2	52	6.0	58	9.0	58	9.0	45	7.2	57	9.2	11	1.8											
2,728	Michigan	3	53	13	14	985	26.1	568	14.8	300	7.9	235	6.2	228	6.0	261	6.9	225	6.0	173	4.6	207	5.5	73	1.9											
3,307	Ohio	3	1	435	14.7	591	17.3	287	8.7	250	7.3	219	6.6	247	7.5	281	8.5	288	8.7	235	7.1	368	10.5	73	2.2											
573	Wisconsin	5	130	24	4	153	26.4	72	12.5	36	6.3	29	5.1	24	4.2	31	5.4	30	5.2	17	3.0	32	5.6	9	1.6											
4,226	West North Central	5	1	717	16.9	897	21.2	442	10.4	325	7.7	241	5.7	246	5.8	254	6.0	253	6.0	224	5.3	447	10.6	184	4.3											
976	Iowa	3	180	20.6	199	21.6	93	16.6	67	7.6	46	5.3	45	5.1	43	4.9	49	5.6	57	6.5	57	10.1	10	1.1												
303	Kansas	3	5	65	12.9	65	12.9	36	7.1	35	7.0	30	6.0	37	7.3	29	5.8	35	7.0	20	4.0	54	10.7	54	18.7											
1,154	Minnesota	1	154	22.5	361	32.9	175	15.1	103	6.9	51	4.4	43	3.7	30	2.6	34	2.9	28	2.4	44	3.8	9	.8												
1,932	Missouri	3	81	7.8	95	9.2	68	6.6	61	5.5	76	7.4	94	9.1	110	10.7	98	9.5	88	8.5	207	20.1	54	5.2												
342	Nebraska	1	55	15.8	79	22.7	26	7.5	31	8.9	24	6.9	15	4.3	30	8.6	27	7.8	21	6.0	30	8.6	10	2.9												
169	North Dakota	2	34	23.3	40	30.6	32	20.0	15	9.4	6	3.8	5	3.1	3	1.9	1	.6	3	1.9	1	.6	1	.6												
159	South Dakota	2	12	37	23.3	39	24.5	13	8.2	13	8.2	8	5.0	7	4.4	9	5.7	9	5.7	7	4.4	14	8.8	1	.6											

Table 6A. Age groups of inactive licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total num-ber	Under 20		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65 and over		Not reported	
		Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent	Num-ber	Per- cent
Mountain	3,002	3	.1	290	9.7	373	12.4	305	10.2	242	8.0	196	6.5	266	8.9	325	10.8	348	11.6	267	8.9	350	11.6	37	1.2
Arizona	478	1	.2	44	9.2	51	10.7	41	8.6	43	9.0	27	5.6	44	9.2	55	11.5	58	12.1	45	9.4	90	13.0	7	1.5
Colorado	809	1	.1	61	7.6	82	10.1	69	8.5	71	8.8	45	5.5	94	11.6	97	12.0	105	13.0	82	10.1	92	11.1	12	1.5
Idaho	510			49	9.6	70	13.7	54	10.6	28	5.5	44	8.6	44	8.8	61	12.0	56	11.0	49	9.6	53	10.4	3	.6
Montana	221			41	18.6	38	17.2	21	9.5	15	6.8	9	4.1	13	5.9	23	10.4	19	8.6	14	6.3	23	10.4	4	1.8
Nevada	246			23	9.4	30	12.2	26	10.6	18	7.3	18	7.3	26	10.6	31	12.6	35	14.2	18	7.3	18	7.3	3	1.2
New Mexico	307			30	9.8	42	13.7	45	14.7	35	11.4	19	6.2	18	5.9	24	7.8	29	9.4	24	7.8	36	11.7	5	1.6
Utah	339			35	10.3	51	15.0	38	11.2	27	8.0	23	6.8	22	6.5	21	6.2	35	10.3	27	8.0	58	17.1	2	.6
Wyoming	92			7	7.6	9	9.8	11	12.0	5	5.4	11	12.0	4	4.3	13	14.1	11	12.0	8	8.7	12	13.0	1	1.1
Pacific	8,917	23	.3	943	10.5	1,106	12.4	868	9.7	702	7.9	670	7.5	888	10.0	965	10.8	849	9.5	715	8.0	846	9.5	342	3.8
Alaska	86	1	1.2	11	12.8	16	18.6	22	25.6	14	16.3	4	4.6	4	4.6	4	4.6	3	3.5	5	5.8	3	3.5	2	2.4
California	5,626	15	.3	598	10.6	697	12.4	557	9.9	452	8.0	442	7.8	573	10.2	605	10.8	516	9.2	437	7.8	445	7.9	289	5.1
Hawaii	244			39	16.0	36	14.8	28	11.5	43	17.6	24	9.8	15	6.1	18	7.4	15	6.1	8	3.3	11	4.5	7	2.9
Oregon	818	4	.5	100	12.2	130	15.9	71	8.7	44	5.4	43	5.2	78	9.6	90	11.0	89	10.9	69	8.4	94	11.5	6	.7
Washington	2,143	3	.1	195	9.1	227	10.6	190	8.9	149	7.0	157	7.3	218	10.2	248	11.6	226	10.5	196	9.1	296	13.8	38	1.8

¹ Less than .1 percent.

Table 7A. Median ages of licensed practical or vocational nurses in each State and region, by employment status, 1967

State and region	Total	Employed in nursing	Not employed in nursing
United States	44.1	44.3	42.6
New England	42.7	43.4	37.0
Connecticut	37.9	38.7	33.1
Maine	40.9	43.8	33.3
Massachusetts	44.4	45.1	37.9
New Hampshire	41.3	41.2	38.1
Rhode Island	43.7	44.1	40.9
Vermont	42.5	44.1	33.8
Middle Atlantic	45.7	45.7	44.9
New Jersey	46.9	47.1	45.3
New York	45.4	44.8	47.3
Pennsylvania	45.6	46.1	41.7
South Atlantic	44.0	43.9	43.5
Delaware	45.5	46.0	40.5
District of Columbia	41.7	41.9	36.8
Florida	47.7	46.8	52.1
Georgia	45.3	44.8	46.6
Maryland	38.1	38.4	35.8
North Carolina	43.1	43.5	40.1
South Carolina	43.9	44.1	40.1
Virginia	39.3	39.7	36.1
West Virginia	49.1	48.5	50.7
East South Central	45.1	45.1	43.4
Alabama	44.6	44.5	44.5
Kentucky	41.3	41.6	38.7
Mississippi	48.1	48.3	45.3
Tennessee	45.2	45.1	44.2
West South Central	45.7	45.9	46.7
Arkansas	46.7	46.1	50.1
Louisiana	47.1	46.8	48.6
Oklahoma	47.6	47.4	49.8
Texas	44.8	45.4	45.3
East North Central	41.8	42.5	36.8
Illinois	45.3	45.3	43.5
Indiana	44.7	44.8	41.4
Michigan	36.9	38.1	33.0
Ohio	44.7	45.2	40.0
Wisconsin	31.0	31.4	29.6
West North Central	37.8	38.2	34.6
Iowa	36.7	37.8	33.4
Kansas	40.5	40.4	40.1
Minnesota	28.3	28.0	29.1
Missouri	48.5	47.8	50.6
Nebraska	40.7	42.0	36.4
North Dakota	26.3	24.0	28.9
South Dakota	29.1	27.6	30.4
Mountain	46.7	46.7	46.4
Arizona	47.9	47.8	48.2
Colorado	47.3	47.0	43.7
Idaho	47.6	47.9	45.9
Montana	45.6	47.1	37.5
Nevada	44.2	43.5	46.2
New Mexico	39.7	39.6	39.8
Utah	43.2	43.8	43.8
Wyoming	49.8	50.2	48.1
Pacific	44.3	44.1	44.8
Alaska	33.6		33.2
California	43.2	42.9	44.0
Hawaii	41.3	42.0	36.8
Oregon	44.9	44.5	45.9
Washington	43.9	43.1	43.0

Table 8A. Marital status of employed licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	252,522	41,237	16.3	146,862	58.2	59,772	23.7	4,651	1.8
New England	17,188	3,806	22.2	9,253	53.8	3,059	17.8	1,070	6.2
Connecticut	3,549	834	23.5	2,080	58.6	576	16.2	53	1.7
Maine	665	141	21.5	378	57.7	119	18.2	17	2.6
Massachusetts	9,532	2,065	22.0	4,917	50.5	1,714	18.0	906	9.5
New Hampshire	932	176	18.9	535	57.4	158	16.9	63	6.8
Rhode Island	1,385	364	23.0	912	57.5	295	18.6	14	.9
Vermont	935	196	21.0	531	56.8	137	21.0	11	1.2
Middle Atlantic	56,365	12,485	22.2	29,279	51.9	14,006	24.8	595	1.1
New Jersey	7,564	1,418	19.0	3,841	51.4	2,021	27.1	184	2.5
New York	24,961	6,787	27.2	14,997	48.1	6,304	24.0	173	.7
Pennsylvania	23,840	4,780	17.9	13,441	56.1	5,981	25.0	228	1.0
South Atlantic	32,846	4,208	12.8	19,874	60.5	8,082	24.6	682	2.1
Alabama	640	38	13.7	403	63.0	149	23.3	38	1.8
District of Columbia	2,090	314	15.0	1,119	53.6	619	29.6	38	1.8
Florida	8,753	975	10.6	4,964	56.7	2,442	27.9	422	4.8
Georgia	3,801	361	9.5	2,409	63.4	1,006	26.5	25	.6
Maryland	3,025	576	19.1	1,828	60.4	1,609	20.1	12	.4
North Carolina	5,229	714	13.6	3,373	64.5	1,127	21.6	15	.3
South Carolina	2,132	262	12.0	1,437	65.8	452	20.7	32	1.5
Virginia	3,808	692	14.4	3,010	62.6	1,008	21.0	98	2.0
West Virginia	2,317	276	11.9	1,331	57.5	670	28.9	40	1.7
East South Central	15,631	1,492	9.6	10,072	64.4	3,678	23.5	389	2.5
Alabama	2,761	364	8.5	2,779	65.2	945	22.2	175	4.1
Kentucky	2,737	404	14.5	1,689	60.6	582	24.5	12	.4
Mississippi	2,917	237	8.1	1,876	64.4	665	22.9	134	4.6
Tennessee	5,669	487	8.6	3,728	65.8	1,386	24.4	68	1.2
West South Central	31,602	2,893	9.1	20,437	64.7	7,905	25.0	367	1.2
Arkansas	269	269	8.0	2,241	66.7	828	24.6	22	.7
Louisiana	5,032	436	8.7	3,219	64.0	1,365	27.1	12	.2
Oklahoma	2,973	239	8.0	1,938	65.2	730	24.6	66	2.2
Texas	20,237	1,949	9.6	13,039	64.5	4,982	24.6	267	1.3
East North Central	43,589	7,681	17.6	25,372	58.2	9,851	22.6	675	1.6
Illinois	11,150	1,633	14.7	6,513	58.4	2,901	26.0	103	.9
Indiana	2,997	510	17.0	1,712	57.1	679	22.7	96	3.2
Michigan	10,781	1,983	18.4	6,492	60.2	2,078	19.3	228	2.1
Ohio	14,683	2,405	16.4	8,326	56.7	3,707	25.2	245	1.7
Wisconsin	3,969	1,150	29.0	2,329	58.7	486	12.2	4	.1
West North Central	17,989	4,037	22.4	10,094	56.1	3,410	19.0	458	2.5
Iowa	2,373	530	22.3	1,442	61.2	381	16.1	10	.4
Kansas	1,301	752	48.6	876	48.6	375	20.5	298	16.6
Minnesota	4,964	1,731	35.1	2,790	56.2	393	7.9	40	.8
Missouri	6,190	821	12.7	3,674	56.6	1,916	29.5	79	1.2
Nebraska	1,145	267	23.3	645	56.4	223	19.5	9	.8
North Dakota	603	230	38.1	370	53.1	47	7.8	6	1.0
South Dakota	614	196	31.9	337	54.9	75	12.2	6	1.0

Table 8A. Marital status of employed licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mountain	10,520	1,316	12.5	5,466	51.5	2,555	24.4	273	1.6
Arizona	1,709	214	12.5	976	57.1	514	30.1	5	.3
Colorado	3,657	524	14.3	2,111	57.7	911	24.9	111	3.1
Idaho	1,439	84	5.8	1,072	74.5	283	19.7		
Montana	587	91	15.5	379	64.6	161	27.4	6	1.0
Nevada	544	46	8.4	354	65.1	139	25.6	5	.9
New Mexico	1,116	225	20.2	656	58.8	230	20.6	5	.4
Utah	1,191	108	9.1	796	66.8	248	20.8	39	3.3
Wyoming	277	24	8.7	172	62.1	79	28.5	2	.7
Pacific	26,801	3,319	12.4	16,015	59.8	7,216	26.9	251	.9
Alaska	198	37	18.7	108	54.5	52	26.3	1	.5
California	13,479	2,313	17.2	10,765	79.3	5,228	38.8	173	.9
Hawaii	1,203	240	19.9	912	75.8	144	12.0	27	2.2
Oregon	2,164	297	13.7	1,351	62.5	511	23.6	5	.2
Washington	4,757	452	9.5	2,979	62.6	1,281	26.9	45	1.0

Table 9A. Marital status of inactive licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	69,189	4,660	6.8	51,965	75.1	11,157	16.1	1,406	2.0
Number	130.0								
Percent									
New England	5,395	416	7.7	4,009	74.3	621	11.5	349	6.5
Connecticut	683	40	8.8	527	77.2	85	12.4	11	1.6
Maine	327	24	7.3	260	79.5	33	10.1	10	3.1
Massachusetts	3,176	250	7.9	2,298	72.4	332	10.4	296	9.3
New Hampshire	388	20	5.2	292	75.2	57	14.7	19	4.9
Rhode Island	505	40	7.9	384	76.0	77	15.3	4	.8
Vermont	316	22	7.0	248	78.5	37	11.7	9	2.8
Middle Atlantic	19,090	1,890	9.8	13,470	70.6	3,487	18.3	253	1.3
New Jersey	2,776	239	8.6	1,925	69.4	514	18.5	98	3.5
New York	9,436	1,100	11.7	6,449	68.3	1,809	19.2	78	.9
Pennsylvania	6,878	541	7.9	5,096	74.1	1,164	16.9	77	1.1
South Atlantic	6,986	423	6.1	5,234	74.9	1,179	16.9	150	2.1
Delaware	149	8	5.4	116	77.8	24	16.1	1	.7
District of Columbia	259	34	13.1	167	64.5	50	19.3	8	3.1
Florida	1,674	78	4.7	1,206	72.0	315	18.8	75	4.5
Georgia	1,046	42	4.1	737	70.5	244	23.3	22	2.1
Maryland	912	53	5.8	740	81.1	113	12.4	6	.7
North Carolina	1,153	80	6.9	919	79.7	150	13.0	4	.3
South Carolina	478	28	5.9	325	75.9	64	15.0	11	2.6
Virginia	959	77	8.0	733	76.4	138	14.4	11	1.2
West Virginia	406	22	5.4	291	71.7	81	19.9	12	3.0
East South Central	3,159	151	4.8	2,462	77.9	473	15.0	73	2.3
Alabama	805	30	3.7	636	79.0	108	13.4	31	3.9
Kentucky	666	41	6.2	515	77.3	107	16.1	3	.4
Mississippi	533	29	5.5	385	72.2	95	17.8	24	4.5
Tennessee	1,155	51	4.4	926	80.2	163	14.1	15	1.3
West South Central	7,895	293	3.7	6,004	76.0	1,467	18.6	131	1.7
Arkansas	664	27	4.1	488	73.5	146	22.0	3	.4
Louisiana	1,248	50	4.0	917	73.5	272	21.8	9	.7
Oklahoma	713	26	3.6	516	72.4	152	21.3	19	2.7
Texas	5,270	190	3.6	4,083	77.5	897	17.0	100	1.9
East North Central	10,509	596	5.7	8,373	79.7	1,345	12.8	195	1.8
Illinois	2,231	173	7.8	1,629	73.0	397	17.8	32	1.4
Indiana	620	41	6.6	485	78.2	84	13.6	10	1.6
Michigan	1,611	161	4.3	3,219	85.2	317	8.4	81	2.1
Ohio	3,307	177	5.4	2,554	77.2	507	15.3	69	2.1
Wisconsin	573	44	7.7	486	84.8	40	7.0	3	.5
West North Central	4,236	289	6.8	3,255	76.9	585	13.8	107	2.5
Iowa	876	63	7.2	707	80.7	103	11.8	6	.7
Kansas	503	13	2.6	336	66.8	81	16.1	73	14.5
Minnesota	1,153	93	8.0	990	85.5	69	6.0	6	.5
Missouri	1,032	68	6.6	679	65.8	272	26.4	13	1.2
Nebraska	348	30	8.6	275	79.0	37	10.7	6	.7
North Dakota	160	15	9.4	137	85.6	6	3.8	2	1.2
South Dakota	157	10	6.3	131	82.4	17	10.7	1	.6

Table 9A. Marital status of inactive licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Single		Married		Widowed, divorced or separated		Not reported	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mountain	3,002	143	4.8	2,311	77.0	497	16.5	51	1.7
Arizona	478	34	7.1	348	72.8	90	18.8	6	1.3
Colorado	809	40	4.9	583	72.1	161	19.9	25	3.1
Idaho	510	16	3.1	437	85.7	56	11.0	1	.2
Montana	221	18	8.1	172	77.8	28	12.7	3	1.4
Nevada	246	10	4.1	194	78.8	40	16.3	2	.8
New Mexico	307	17	5.5	236	76.9	53	17.3	1	.3
Utah	339	6	1.8	265	78.2	57	16.8	11	3.2
Wyoming	92	2	2.2	76	82.6	12	13.0	2	2.2
Pacific	8,917	469	5.2	6,848	76.8	1,503	16.9	97	1.1
Alaska	86	5	5.8	70	81.4	11	12.8		
California	5,026	228	4.5	4,277	85.0	962	19.1	59	1.2
Hawaii	244	24	9.8	195	79.9	19	7.8	6	2.5
Oregon	818	25	3.1	672	82.2	114	13.9	7	.8
Washington	2,143	87	4.1	1,634	76.2	397	18.5	25	1.2

Table 10A. Number of licensed practical or vocational nurses, by age group, sex, and employment status, 1967

Sex and employment status	Total number	Under 20		20-24		25-29		30-34		35-39		40-44		45-49		50-54		55-59		60-64		65 and over	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	343,635	1,601	41.204	41,204	40.735	34,614	33.674	27,034	26.128	29,874	28.737	31,742	30.658	35,590	34.438	38,174	37.072	33,933	32.991	23,600	22.929	23,810	22.459
Female	332,382	1,589	40.735	40,735	40.735	33,674	33.674	26,128	26.128	28,737	28.737	30,658	30.658	34,438	34.438	37,072	37.072	32,991	32.991	22,929	22.929	23,243	20.188
Employed	245,326	1,283	31.581	31,581	31.581	22,975	22.975	19,001	19.001	22,583	22.583	25,049	25.049	28,182	28.182	30,077	30.077	26,104	26.104	17,031	17.031	13,905	7.575
Not employed	67,348	761	8.176	8,176	8.176	10,060	10.060	6,486	6.486	5,411	5.411	4,763	4.763	5,340	5.340	5,930	5.930	5,814	5.814	5,007	5.007	8,132	2.068
Not reported	19,708	165	978	978	978	639	639	641	641	743	743	846	846	916	916	1,065	1,065	1,073	1,073	891	891	1,206	10.545
Male	9,420	10	4.53	4,53	40.735	918	9.18	836	8.36	1,117	11.17	1,053	10.53	1,110	11.10	1,036	10.36	882	8.82	619	6.19	505	8.31
Employed	6,910	4	3.49	3,49	31.581	682	6.82	697	6.97	897	8.97	850	8.50	874	8.74	822	8.22	711	7.11	442	4.42	288	2.94
Not employed	1,769	2	7.5	75	7.5	202	2.02	164	1.64	187	1.87	171	1.71	209	2.09	189	1.89	145	1.45	150	1.50	199	7.6
Not reported	741	4	29	29	29	34	34	25	25	33	33	32	32	27	27	25	25	26	26	27	27	18	461
Sex not reported	1,833	2	16	16	16	22	20	20	20	20	20	31	31	42	42	66	66	60	60	52	52	62	1,440
Employed	286	1	10	10	10	14	12	12	12	11	11	21	21	29	29	39	39	40	40	33	33	34	42
Not employed	72	1	4	4	4	1	1	4	4	1	1	3	3	4	4	11	11	10	10	11	11	15	12
Not reported	1,475	1	6	6	6	7	7	4	4	8	8	7	7	9	9	16	16	10	10	8	8	13	1,386

Table 11A. Percent of licensed practical or vocational nurses, by age group, sex, and employment status, 1957

Sex and emp' ment status	Total		Under 20	Age group										Age not reported
	Number	Percent		20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	
Total	343,635	...	1,601	41,204	34,614	27,034	29,874	31,742	35,590	38,174	33,933	23,600	23,810	22,459
Female	332,382	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Employed	245,326	73.4	79.5	77.5	68.2	72.7	78.6	81.7	81.8	81.1	79.1	74.3	59.8	37.5
Not employed	67,348	20.3	10.1	20.1	29.9	24.8	18.8	15.5	15.5	16.0	17.6	21.8	35.0	10.3
Not reported	19,708	5.9	10.4	2.4	1.9	2.5	2.6	2.8	2.7	2.9	3.3	3.9	5.2	52.2
Male	9,420	2.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Employed	6,916	73.3	40.0	77.0	74.3	78.7	80.3	80.7	78.8	79.4	80.6	71.4	57.0	35.4
Not employed	1,769	18.8	20.0	16.6	22.9	18.5	16.7	16.3	18.8	18.2	16.4	24.2	39.4	9.1
Not reported	741	7.9	40.0	6.4	3.7	2.8	3.0	3.0	2.4	2.4	3.0	4.4	3.6	55.5
Sex not reported	1,833	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Employed	286	15.6	50.0	62.5	63.6	60.0	55.0	67.7	69.1	59.1	66.6	63.5	54.8	2.9
Not employed	72	3.9	...	4.6	3.7	20.0	5.0	3.7	9.5	16.7	16.7	21.1	24.2	8.8
Not reported	1,475	80.5	50.0	37.5	31.8	20.0	40.0	22.6	21.4	24.2	16.7	15.4	21.0	96.3

Table 12A. Employment status of male licensed practical or vocational nurses in each State and region, 1967

State and region	Total number		Employed in nursing		Not employed in nursing		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
United States	9,420		6,910	73.3	1,769	18.8	741	7.9
Number	100.0							
Percent								
New England	1,349		886	65.7	217	16.1	246	18.2
Connecticut	85		51	60.0	12	14.1	22	26.0
Massachusetts	30		21	70.0	2	6.7	7	23.3
New Hampshire	1,060		671	63.3	138	12.9	251	23.8
Rhode Island	41		31	75.6	7	17.1	3	7.3
Vermont	77		51	66.2	19	24.7	7	9.1
	55		43	76.8	13	23.2		
Middle Atlantic	3,059		2,358	77.1	603	19.7	98	3.2
New Jersey	359		233	64.9	80	22.3	46	12.8
New York	1,475		1,107	75.1	344	23.3	24	1.6
Pennsylvania	1,225		1,018	83.1	179	14.5	28	2.3
South Atlantic	890		697	78.3	144	16.2	49	5.5
Delaware	11		11	100.0				
District of Columbia	11		12	89.1	7	5.1	8	5.8
Florida	222		166	74.8	33	14.8	23	10.4
Georgia	95		76	80.0	17	17.9	2	2.1
Maryland	208		159	76.5	49	23.5	4	1.9
North Carolina	97		70	72.2	21	21.6	6	6.2
South Carolina	25		19	76.0	4	16.0	2	8.0
Virginia	67		55	82.1	9	13.4	3	4.5
West Virginia	28		23	82.1	4	14.3	1	3.6
East South Central	279		220	78.8	46	16.5	13	4.7
Alabama	42		30	71.4	9	21.4	3	7.2
Kentucky	94		84	89.4	7	7.4	3	3.2
Mississippi	33		28	84.8	5	15.2		
Tennessee	110		78	70.9	25	22.7	7	6.4
West South Central	767		498	64.9	153	20.0	116	15.1
Arkansas	62		49	79.0	12	19.4	1	1.6
Louisiana	63		52	82.5	11	17.5		
Oklahoma	80		54	67.5	19	23.7	7	8.8
Texas	562		343	61.0	111	19.8	108	19.2
East North Central	1,035		784	75.8	174	16.8	77	7.4
Illinois	408		307	75.2	57	14.0	31	7.6
Indiana	11		10	90.9	12	22.2	12	22.2
Michigan	11		10	90.9	52	18.8	25	9.0
Ohio	11		10	90.9	46	18.8	7	2.8
Wisconsin	11		10	90.9	7	13.7	2	3.9
North Central	11		10	90.9	74	19.4	23	6.0
Minnesota	11		10	90.9	23	30.3	2	2.6
Nebraska	11		10	90.9	6	15.0	4	10.0
North Dakota	11		10	90.9	13	26.0	2	4.0
South Dakota	11		10	90.9	25	14.0	12	6.7
	11		10	90.9	2	11.1	2	11.1
	11		10	90.9	2	18.2	1	12.5
	11		10	90.9	3	37.5		

Table 12A. Employment status of male licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Employed in nursing		Not employed in nursing		Not reported	
		Number	Percent	Number	Percent	Number	Percent
Mountain:	331	243	73.4	77	23.3	11	3.3
Arizona	49	36	73.5	11	22.4	2	4.1
Colorado	136	97	71.3	36	26.5	3	2.2
Idaho	24	17	70.8	7	29.2	...	...
Montana	9	7	77.8	...	...	...	...
Nevada	14	10	71.4	3	21.4	1	7.2
New Mexico	48	37	77.1	8	16.7	3	6.2
Utah	37	32	86.5	3	8.1	2	5.4
Wyoming	14	12	85.7	2	14.3	...	...
Pacific	1,328	939	70.7	281	21.2	108	8.1
Alaska	10	9	90.0	1	10.0	...	...
California	926	654	70.6	188	20.3	84	9.1
Hawaii	178	136	76.4	22	12.4	20	11.2
Oregon	35	21	60.0	14	40.0	...	...
Washington	179	119	66.5	56	31.3	4	2.2

Table 13A. Licensed practical or vocational nurses, by basis of original license, sex, and employment status, 1967

Sex and employment status	Total		Examination		Waiver		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total nurses	343,635	100.0	239,419	69.7	82,906	24.1	21,310	6.2
Employed	257,522	100.0	183,759	72.8	61,944	24.5	6,819	2.7
Not employed	67,189	100.0	49,839	72.0	16,644	24.1	2,706	3.9
Not reported	21,921	100.0	5,821	26.6	4,318	19.7	11,785	53.7
Female	332,382	100.0	224,023	72.4	79,118	23.8	19,441	5.8
Employed	245,326	100.0	179,691	73.2	59,050	24.1	6,585	2.7
Not employed	67,348	100.0	48,753	72.4	15,973	23.7	2,622	3.9
Not reported	19,708	100.0	5,579	28.3	4,095	20.8	10,034	50.9
Male	9,420	100.0	5,129	54.5	3,590	38.1	701	7.4
Employed	6,910	100.0	3,910	56.6	2,781	40.2	219	3.2
Not employed	1,769	100.0	59.5	3.3	613	36.4	73	4.1
Not reported	741	100.0	166	22.4	166	22.4	409	55.2
Sex not reported	1,833	100.0	267	14.6	193	10.8	1,368	74.6
Employed	286	100.0	158	55.3	113	39.5	15	5.2
Not employed	72	100.0	33	45.8	28	38.9	11	15.3
Not reported	1,475	100.0	76	5.2	57	3.9	1,342	91.0

Table 14A. Employed licensed practical or vocational nurses, by basis of original license and age group, 1967

Age group	Total		Examination		Waiver		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	452,522	100.0	183,759	100.0	61,944	100.0	6,819	100.0
Under 20	1,268	5	1,183	6	13	(1)	72	1.1
20-24	31,940	12.7	30,960	16.9	288	5	692	10.1
25-29	23,671	9.4	22,382	12.2	795	1.3	494	7.2
30-34	19,710	7.8	17,351	9.4	1,964	3.2	395	5.8
35-39	23,491	9.3	18,762	10.2	4,254	6.9	475	7.0
40-44	29,920	10.3	13,279	10.5	6,140	9.9	551	8.1
45-49	29,085	11.5	20,644	11.2	7,788	12.6	653	9.6
50-54	30,938	12.3	20,273	11.0	10,001	16.1	664	9.7
55-59	26,855	10.6	15,204	8.3	11,005	17.7	500	7.3
60-64	17,506	6.9	8,085	4.4	8,921	14.4	597	8.8
65 and over	14,227	5.6	5,083	2.8	8,547	13.8	1,030	15.8
Not reported	7,911	3.1	4,603	2.5	2,228	3.6		

1 Less than .1 percent.

Table 15A. Inactive licensed practical or vocational nurses, by basis of original license and age group, 1967

Age group	Total		Examination		Waiver		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	69,189	100.0	49,839	100.0	15,644	100.0	2,706	100.0
Under 20	163	2	157	3	3	(1)	3	.1
20-24	4,251	11.9	7,988	16.0	112	7	151	5.6
25-29	10,263	14.9	9,669	19.4	262	1.6	332	12.3
30-34	6,664	9.6	5,771	11.6	530	3.8	250	9.2
35-39	5,599	8.1	4,533	8.7	1,093	6.9	173	6.4
40-44	4,937	7.1	3,604	7.2	1,293	7.2	130	4.8
45-49	5,553	8.0	3,912	7.9	1,481	8.9	160	5.9
50-54	6,130	8.9	4,088	8.2	1,883	11.3	159	5.9
55-59	5,969	8.6	3,334	6.7	2,434	14.6	201	7.4
60-64	5,168	7.5	2,554	5.1	2,394	14.4	220	8.1
65 and over	8,346	12.1	3,289	6.6	4,555	27.3	502	18.6
Not reported	2,156	3.1	1,137	2.3	594	3.6	425	15.7

1 Less than .1 percent.

Table 16A. Basis of original license of licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Examination		Waiver		Not reported	
		Number	Percent	Number	Percent	Number	Percent
United States							
Number.....	343,635	239,419	....	82,906	....	21,310	....
Percent.....	100.0	....	69.7	....	24.1	....	6.2
New England	26,924	14,277	53.0	7,985	29.7	4,662	17.3
Connecticut.....	4,386	3,562	81.2	512	11.7	312	7.1
Maine.....	1,037	744	71.7	199	19.2	94	9.1
Massachusetts.....	16,633	6,967	41.9	5,737	34.3	3,959	23.8
New Hampshire.....	1,436	704	49.0	526	36.6	206	14.4
Rhode Island.....	2,153	1,580	73.4	506	23.5	67	3.1
Vermont.....	1,279	720	56.3	535	41.8	24	1.9
Middle Atlantic	77,683	47,647	61.3	27,979	36.0	2,057	2.7
New Jersey.....	11,086	5,843	52.7	4,366	39.4	877	7.9
New York.....	34,850	28,880	82.9	5,537	15.9	433	1.2
Pennsylvania.....	31,747	12,924	40.7	18,076	56.9	747	2.4
South Atlantic	41,785	28,952	69.3	10,510	25.2	2,323	5.5
Delaware.....	803	400	49.8	395	49.2	8	1.0
District of Columbia.....	2,431	1,216	50.0	1,174	48.3	41	1.7
Florida.....	11,625	8,055	69.3	2,001	17.2	1,569	13.5
Georgia.....	4,987	3,023	60.6	1,82	36.5	141	2.8
Maryland.....	3,990	3,734	93.6	192	4.8	64	1.6
North Carolina.....	6,593	4,247	64.4	2,155	32.7	191	2.9
South Carolina.....	2,676	1,978	73.9	448	16.8	250	9.3
Virginia.....	5,859	4,788	81.7	1,031	17.6	40	.7
West Virginia.....	2,821	1,511	53.6	1,231	45.7	19	.7
East South Central	19,440	15,637	80.4	3,492	19.0	311	1.6
Alabama.....	5,271	4,324	82.1	887	16.8	60	1.1
Kentucky.....	3,621	2,730	75.4	744	20.5	147	4.1
Mississippi.....	3,579	2,155	60.2	1,408	39.4	16	.4
Tennessee.....	6,969	6,428	92.2	453	6.5	88	1.3
West South Central	45,453	31,565	69.4	11,442	25.2	2,452	5.4
Arkansas.....	4,124	3,439	84.5	593	14.5	40	1.0
Louisiana.....	6,322	4,857	76.8	1,414	22.4	51	.8
Oklahoma.....	4,155	2,542	60.6	1,031	25.8	572	13.6
Texas.....	30,814	20,677	67.1	8,319	27.1	1,783	5.8
East North Central	57,516	41,759	72.6	10,771	18.7	4,986	8.7
Illinois.....	14,571	9,402	64.5	3,991	27.4	1,178	8.1
Indiana.....	3,885	3,223	83.0	411	11.4	218	5.6
Michigan.....	16,172	12,532	78.1	630	4.2	2,850	17.7
Ohio.....	18,363	12,374	67.4	5,368	29.3	606	3.3
Wisconsin.....	4,570	4,118	91.4	268	5.9	124	2.7
West North Central	22,995	17,952	78.1	3,247	14.1	1,796	7.8
Iowa.....	3,335	2,955	88.9	281	8.4	89	2.7
Kansas.....	2,422	1,615	66.7	218	9.0	589	24.3
Minnesota.....	6,226	5,894	94.7	130	2.1	202	3.2
Missouri.....	7,901	4,999	63.3	2,232	28.2	670	8.5
Nebraska.....	1,528	1,120	73.3	241	15.8	167	10.9
North Dakota.....	766	702	91.7	47	6.1	17	2.2
South Dakota.....	817	656	80.3	98	12.0	63	7.7
Mountain	13,742	9,358	68.1	4,392	29.8	21	2.1
Arizona.....	2,221	1,588	71.5	592	26.7	41	1.8
Colorado.....	4,510	2,466	54.7	2,014	44.5	30	.7
Idaho.....	1,957	1,790	91.5	160	8.2	7	.3
Montana.....	812	523	64.4	281	35.0	5	.5
Nevada.....	802	695	86.6	96	12.0	11	1.4
New Mexico.....	1,515	1,034	72.2	278	18.4	143	9.4
Utah.....	1,551	1,033	66.6	465	30.0	53	3.4
Wyoming.....	374	169	45.2	203	54.3	2	.5
Pacific	38,091	32,272	84.7	3,388	8.9	2,431	6.4
Alaska.....	285	263	92.3	15	5.3	7	2.4
California.....	26,203	22,789	87.0	1,239	4.7	2,175	9.3
Hawaii.....	1,588	914	57.6	602	37.9	72	4.5
Oregon.....	3,001	2,522	84.1	397	13.2	82	2.7
Washington.....	7,014	5,784	82.5	1,115	15.2	95	1.3

Table 17A. Basis of original license of employed licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Examination		Waiver		Not reported	
		Number	Percent	Number	Percent	Number	Percent
United States							
Number.....	252,522	183,759		61,944		6,819	
Percent.....	100.0		72.8		24.5		2.7
New England	17,188	10,406	60.6	5,471	31.8	1,311	7.6
Connecticut.....	3,549	2,982	84.0	410	11.6	157	4.4
Maine.....	655	487	74.4	126	19.2	42	6.4
Massachusetts.....	9,532	4,740	49.7	3,810	40.0	982	10.3
New Hampshire.....	932	474	50.9	363	38.9	95	10.2
Rhode Island.....	1,585	1,211	76.4	347	21.9	27	1.7
Vermont.....	935	512	54.8	415	44.4	8	.8
Middle Atlantic	56,365	34,382	61.0	21,306	37.8	677	1.2
New Jersey.....	7,464	4,131	55.3	3,110	41.7	223	3.0
New York.....	24,961	21,051	84.3	3,730	15.0	180	.7
Pennsylvania.....	23,940	9,230	38.4	14,466	60.4	274	1.2
South Atlantic	32,846	23,836	72.6	8,257	25.1	753	2.3
Delaware.....	640	306	47.8	331	51.7	3	.5
District of Columbia.....	2,090	1,014	48.5	1,050	50.2	26	1.3
Florida.....	8,753	6,170	70.5	1,519	17.3	364	4.2
Georgia.....	3,801	2,394	63.0	1,344	35.4	63	1.6
Maryland.....	3,025	2,854	94.4	137	4.5	34	1.1
North Carolina.....	5,229	3,476	66.5	1,700	32.5	53	1.0
South Carolina.....	2,183	1,635	74.9	362	16.6	186	8.5
Virginia.....	4,808	4,001	83.2	792	15.5	15	.3
West Virginia.....	2,317	1,286	55.5	1,022	44.1	9	.4
East South Central	15,631	12,778	81.7	2,759	17.7	94	.6
Alabama.....	4,263	3,516	82.5	723	16.9	24	.6
Kentucky.....	2,787	2,192	78.6	576	20.7	19	.7
Mississippi.....	2,912	1,764	60.6	1,140	39.1	8	.3
Tennessee.....	5,669	5,306	93.6	320	5.6	43	.8
West South Central	31,602	24,015	76.0	7,233	22.9	333	1.1
Arkansas.....	3,360	2,918	86.8	416	12.4	26	.8
Louisiana.....	5,032	3,981	79.1	1,028	20.4	23	.5
Oklahoma.....	2,973	1,893	63.7	791	26.6	289	9.7
Texas.....	20,237	15,224	75.2	4,998	24.7	15	.1
East North Central	43,580	32,765	75.2	8,888	20.4	1,927	4.4
Illinois.....	11,150	7,428	66.6	3,515	31.5	207	1.9
Indiana.....	2,997	2,616	87.3	352	11.7	29	1.0
Michigan.....	10,781	9,025	83.7	441	4.1	1,315	12.2
Ohio.....	14,633	10,043	68.4	4,346	29.6	289	2.0
Wisconsin.....	3,959	3,648	91.9	234	5.9	87	2.2
West North Central	17,989	14,347	79.7	2,603	14.5	1,039	5.8
Iowa.....	2,373	2,141	90.2	209	8.8	23	1.0
Kansas.....	1,801	1,257	69.8	134	7.4	410	22.8
Minnesota.....	4,964	4,784	96.4	102	2.0	78	1.6
Missouri.....	6,490	4,262	65.7	1,871	28.8	357	5.5
Nebraska.....	1,141	825	72.3	182	15.9	137	12.0
North Dakota.....	603	561	93.0	32	5.3	10	1.7
South Dakota.....	614	517	84.2	73	11.9	24	3.9
Mountain	10,520	7,227	68.7	3,183	30.3	110	1.0
Arizona.....	1,709	1,243	72.7	455	26.6	11	.7
Colorado.....	3,657	2,040	55.3	1,608	44.0	9	.2
Idaho.....	1,439	1,340	93.1	99	6.9		
Montana.....	587	364	62.0	222	37.8	1	.2
Nevada.....	544	490	90.1	54	9.9		
New Mexico.....	1,115	854	77.4	195	17.5	57	5.1
Utah.....	1,194	765	64.2	324	33.1	32	2.7
Wyoming.....	277	121	43.7	156	56.3		
Pacific	26,801	24,002	89.5	2,244	8.4	555	2.1
Alaska.....	138	183	92.4	10	5.1	5	2.5
California.....	18,479	17,214	93.1	842	4.6	423	2.3
Hawaii.....	1,203	691	57.4	473	39.3	39	3.3
Oregon.....	2,164	1,664	76.9	245	11.3	55	2.6
Washington.....	4,757	4,052	85.1	674	14.2	27	.7

Table 18A. Basis of original license of inactive licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Examination		Waiver		Not reported	
		Number	Percent	Number	Percent	Number	Percent
United States							
Number.....	69,189	49,839	...	15,644	...	2,706	...
Percent.....	100.0	...	72.0	...	24.1	...	3.9
New England	5,395	3,292	61.0	1,535	28.5	568	10.5
Connecticut.....	683	568	83.2	97	14.2	18	2.6
Maine.....	327	243	74.3	58	17.7	26	8.0
Massachusetts.....	3,176	1,730	54.5	992	31.2	454	14.3
New Hampshire.....	388	209	53.9	132	34.0	47	12.1
Rhode Island.....	505	347	68.7	143	28.3	15	3.0
Vermont.....	316	195	61.7	113	35.8	8	2.5
Middle Atlantic	19,090	12,738	66.7	5,973	31.3	379	2.0
New Jersey.....	2,776	1,575	56.7	1,084	39.1	117	4.2
New York.....	9,436	7,563	80.2	1,704	18.0	169	1.8
Pennsylvania.....	6,878	3,600	52.3	3,185	46.3	93	1.4
South Atlantic	6,986	4,806	68.8	1,914	27.4	266	3.8
Delaware.....	149	90	60.4	55	37.6	3	2.0
District of Columbia.....	259	175	67.6	78	30.1	6	2.3
Florida.....	1,674	1,116	66.7	432	25.8	126	7.5
Georgia.....	1,046	573	54.8	425	40.6	48	4.6
Maryland.....	912	853	93.5	50	5.5	9	1.0
North Carolina.....	1,153	737	63.9	394	34.2	22	1.9
South Carolina.....	428	316	73.8	75	17.5	37	8.7
Virginia.....	959	745	77.7	204	21.3	10	1.0
West Virginia.....	406	201	49.5	200	49.3	5	1.2
East South Central	3,159	2,551	80.8	572	18.1	36	1.1
Alabama.....	805	669	83.1	128	15.9	8	1.0
Kentucky.....	666	510	76.6	145	21.8	11	1.6
Mississippi.....	533	336	63.0	194	36.4	3	.6
Tennessee.....	1,155	1,036	89.7	105	9.1	14	1.2
West South Central	7,895	5,139	65.1	2,620	33.2	136	1.7
Arkansas.....	664	439	65.1	160	24.1	5	.8
Louisiana.....	1,248	862	69.1	374	29.9	12	1.0
Oklahoma.....	713	432	60.6	181	25.4	100	14.0
Texas.....	5,270	3,346	63.5	1,905	36.1	19	.4
East North Central	10,509	8,197	78.0	1,627	15.5	683	6.5
Illinois.....	2,231	1,768	79.2	386	17.3	77	3.5
Indiana.....	620	523	85.3	72	11.6	19	3.1
Michigan.....	3,778	3,093	82.0	189	5.0	491	13.0
Ohio.....	3,307	2,278	68.9	947	28.6	82	2.5
Wisconsin.....	573	524	91.4	33	5.8	16	2.8
West North Central	4,236	3,414	80.6	533	12.6	289	6.8
Iowa.....	876	799	91.2	65	7.4	12	1.4
Kansas.....	503	333	66.2	71	14.1	99	19.7
Minnesota.....	1,158	1,099	94.9	28	2.4	31	2.7
Missouri.....	1,032	644	62.4	284	27.5	104	10.1
Nebraska.....	348	280	80.5	53	15.2	15	4.3
North Dakota.....	160	142	87.5	14	8.7	6	3.8
South Dakota.....	159	119	74.2	18	11.3	22	13.8
Mountain	3,002	2,056	68.5	882	29.4	64	2.1
Arizona.....	478	335	70.1	130	27.2	13	2.7
Colorado.....	809	404	49.9	398	49.2	7	.9
Idaho.....	510	443	87.8	59	11.9	3	.6
Montana.....	221	157	71.0	61	27.6	3	1.4
Nevada.....	246	204	82.9	41	16.7	1	.4
New Mexico.....	307	206	67.1	78	25.4	23	7.5
Utah.....	339	256	75.5	69	20.4	14	4.1
Wyoming.....	92	46	50.0	46	50.0	...	...
Pacific	8,917	7,546	85.7	988	11.1	283	3.2
Alaska.....	86	80	93.0	5	5.8	1	1.2
California.....	5,626	5,084	90.4	331	5.9	211	3.7
Hawaii.....	244	159	65.2	74	30.3	11	4.5
Oregon.....	818	651	79.6	146	17.8	21	2.6
Washington.....	2,143	1,672	78.0	432	20.2	39	1.8

Table 19A. Employed licensed practical or vocational nurses, by field of employment and age group, 1967

Age group	Total			Hospital			Nursing home			Private nursing			Public health			Industry			Physician's or dentist's office			Other			Not reported		
	Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent	
Total	252,522	100.0		166,483	100.0		29,807	100.0		34,588	100.0		3,139	100.0		1,007	100.0		14,466	100.0		657	100.0		2,375	100.0	
Under 20	1,268	5		1,155	7		46	2		17	(1)		5	2		75	7.4		38	3		5	8		2	1	
20-24	31,940	12.7		26,325	15.8		2,160	7.2		701	2.0		262	8.3		75	7.4		2,201	15.2		62	9.4		154	6.5	
25-29	33,671	9.4		17,842	10.7		2,199	7.4		1,239	3.6		269	9.2		75	7.4		1,811	12.5		75	11.4		141	5.9	
30-34	19,710	7.8		14,254	8.6		2,121	7.1		1,426	4.3		263	8.4		66	6.6		1,349	9.3		45	6.8		136	5.7	
35-39	23,491	9.3		15,351	9.2		2,647	8.9		2,109	6.1		391	12.4		119	11.8		1,645	11.4		55	8.4		174	7.3	
40-44	25,920	10.3		17,606	10.6		2,545	9.9		2,709	7.8		414	13.2		122	12.1		1,853	12.8		68	10.4		201	8.5	
45-49	29,085	11.5		19,232	11.5		3,480	11.7		3,658	10.6		401	12.8		156	15.5		1,874	13.0		66	10.0		218	9.2	
50-54	30,938	12.3		19,611	11.8		4,012	13.4		4,758	13.8		425	13.5		139	13.8		1,642	11.5		74	11.3		257	10.8	
55-59	26,855	10.6		15,915	9.6		2,741	9.5		5,325	15.4		319	10.2		116	11.5		1,514	10.5		82	12.5		343	14.5	
60-64	17,506	6.9		8,924	5.4		2,687	9.0		4,854	14.0		166	5.3		72	7.2		483	3.3		56	8.5		264	11.1	
65 and over	14,227	5.6		4,533	2.7		2,681	9.0		6,376	18.4		81	2.6		33	3.3		228	1.6		43	7.3		247	10.4	
Not reported	7,911	3.1		4,733	2.8		1,088	3.6		1,366	4.0		123	3.9		34	3.4		308	2.1		21	3.2		238	10.0	

1 Less than .1 percent.

Table 20A. Employed licensed practical or vocational nurses, by field of employment and marital status, 1967

Marital status	Total			Hospital			Nursing home			Private nursing			Public health			Industry			Physician's or dentist's office			Other			Not reported		
	Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent		Num-ber	Per-cent	
Total	252,522	100.0		166,483	100.0		29,807	100.0		34,588	100.0		3,139	100.0		1,007	100.0		14,466	100.0		657	100.0		2,375	100.0	
Single	41,237	16.3		31,108	18.7		3,402	11.4		3,631	10.5		521	16.6		127	12.6		2,051	14.2		110	16.8		287	12.1	
Married	146,862	58.2		97,536	58.6		17,718	59.4		17,482	50.6		1,823	58.1		659	65.5		10,007	69.2		379	57.7		1,258	53.0	
Widowed	29,596	11.7		15,806	9.5		4,312	14.5		7,661	22.1		311	9.9		83	8.2		997	6.7		71	10.8		375	15.8	
Divorced or separated	30,176	12.0		19,446	11.7		3,666	12.3		4,937	14.3		427	13.6		124	12.3		1,259	8.7		81	12.3		236	9.9	
Not reported	4,661	1.8		2,587	1.5		709	2.4		877	2.5		57	1.8		14	1.4		172	1.2		16	2.4		219	9.2	

Table 21A. Employed licensed practical or vocational nurses, by sex and field of employment, 1967

Field of employment	Total		Male		Female		Not reported	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	252,522	100.0	6,910	100.0	245,326	100.0	286	100.0
Hospital	166,483	65.9	4,915	71.1	161,419	65.8	149	52.1
Nursing home	29,807	11.8	700	10.1	29,061	11.9	46	16.1
Private nursing	34,588	13.7	875	12.7	33,652	13.7	61	21.3
Public health	3,139	1.3	108	1.6	3,028	1.2	3	1.0
Industry	1,007	.4	81	1.2	925	.4	1	.3
Office	14,466	5.7	68	1.0	14,389	5.9	9	.2
Other	657	.3	55	.9	588	.2	4	1.4
Not reported	2,375	.9	94	1.4	2,264	.9	13	4.6

Table 22A. Employed licensed practical or vocational nurses, by sex, basis of original license, and field of employment, 1967

Field of employment ¹	All employed nurses ¹						Female nurses						Male nurses											
	Total			Not reported			Total			Examination			Total			Examination			Total			Examination		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Total	252,522	100.0	182,759	72.3	61,944	24.5	6,812	2.7	245,326	100.0	73.2	59,050	24.1	6,585	2.7	6,910	100.0	2,751	40.2	219	3.2			
Hospital	166,483	65.9	129,956	78.0	32,417	19.5	4,110	2.5	161,419	127.130	78.8	30,344	19.8	3,945	2.4	4,915	2,736	2,018	41.0	161	3.3			
Nursing home	29,807	11.8	19,122	64.2	9,817	32.9	868	2.9	29,061	18,700	64.4	9,512	32.7	849	2.9	700	397	56.7	41.0	16	2.3			
Private nursing	34,588	13.7	18,641	53.9	15,943	46.2	1,504	2.9	33,652	18,079	53.7	14,592	43.4	981	2.9	875	533	60.9	36.8	20	2.3			
Public health	3,139	1.2	2,540	80.9	521	16.6	78	2.5	3,028	2,495	82.1	471	15.5	72	2.4	108	54	50.0	44.4	6	5.6			
Industry	1,007	.4	702	69.8	264	26.2	40	4.0	925	651	70.4	234	25.3	40	4.3	81	51	63.0	37.0	...	...	
Physician's office	14,466	5.7	11,222	77.6	2,827	19.9	361	2.5	14,389	11,113	77.6	2,857	19.9	359	2.5	68	43	63.2	23	33.8	2	3.0		
Other	657	.3	463	70.5	131	20.3	26.3	21	588	13	69.7	158	26.9	70	3.4	55	52	80.0	12	18.5	1	1.5		
Not reported	2,375	.9	1,112	46.9	5	.1	337	14.2	2,254	1,063	47.0	382	36.9	319	14.1	98	44	44.9	41	13.3	13	13.3		

¹ Includes 286 nurses in category "sex not reported."

Table 23A. Field of employment of licensed practical or vocational nurses in each State and region, 1967

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
		Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
United States	252,522	166,483	65.9	29,807	11.8	34,588	13.7	3,139	1.3	1,007	.4	14,466	5.7	657	.3	2,375	.9
Percent	100.0																
New England	17,188	10,593	61.6	3,779	22.0	1,715	10.0	265	1.5	91	.5	437	2.6	32	.2	272	1.6
Connecticut	3,549	1,985	55.9	896	25.2	372	10.5	44	1.2	17	.5	167	4.7	6	.2	63	1.8
Maine	665	469	71.6	87	13.3	61	9.3	4	.6			23	3.5	2	.3	9	1.4
Massachusetts	9,532	5,790	60.7	2,200	23.1	975	10.2	172	1.8	55	.6	143	3.1	17	.2	180	1.9
New Hampshire	932	613	65.8	182	19.5	87	9.3	11	1.2	2	.2	79	3.1	1	.1	7	.8
Rhode Island	1,585	1,153	72.7	196	12.5	120	7.6	30	1.9	17	1.1	53	3.3	5	.3	9	.5
Vermont	935	583	62.4	217	23.2	104	11.1	4	.4			22	2.4	1	.1	4	.4
Middle Atlantic	56,365	36,846	65.4	5,368	9.5	10,693	19.0	704	1.2	187	.3	1,789	3.2	115	.2	663	1.2
New Jersey	7,464	4,434	59.4	1,733	23.4	1,723	23.4	56	.8	25	.3	272	3.6	8	.1	147	2.0
New York	24,961	16,202	64.9	3,103	12.5	4,197	16.8	447	1.8	98	.4	748	3.0	59	.2	105	.4
Pennsylvania	23,940	16,210	67.7	1,486	6.2	4,753	19.9	199	.8	64	.3	769	3.2	48	.2	411	1.7
South Atlantic	32,846	21,206	64.6	2,879	8.8	5,360	16.3	358	1.1	108	.3	2,368	7.2	174	.5	393	1.2
Delaware	640	373	58.3	160	9.4	149	23.3	15	.2			33	5.1	1	.1	6	.9
District of Columbia	2,090	1,471	70.4	107	5.1	345	16.5	108	5.2	2	.1	40	1.9	3	.1	14	.7
Florida	8,751	5,113	58.4	1,032	2.5	1,507	17.2	25	.3	15	.2	743	8.5	139	1.6	79	1.3
Georgia	3,801	2,210	58.1	445	12.8	580	15.2	53	1.5	25	.6	421	11.1	5	.3	17	.4
Maryland	3,025	1,860	61.5	188	7.2	352	13.0	36	1.2	15	.5	113	3.7	5	.2	16	.5
North Carolina	5,229	3,491	66.8	305	4.8	902	17.3	12	.2	13	.2	420	8.0	8	.2	78	1.5
South Carolina	2,181	1,429	65.5	192	8.8	275	12.6	21	1.0	12	.5	158	7.2	5	.2	91	4.2
Virginia	4,808	3,241	67.4	360	7.5	780	16.2	65	1.4	15	.3	259	6.2	5	.1	43	.9
West Virginia	2,317	1,618	69.8	90	3.9	430	18.6	18	.8	8	.3	141	6.1	3	.1	9	.4
East South Central	15,631	10,553	67.5	1,328	8.5	2,152	13.8	107	.7	110	.7	1,141	7.3	13	.1	227	1.4
Alabama	4,261	2,821	66.2	639	15.0	473	11.1	9	.2	17	.4	293	6.9	1	.1	11	.2
Kentucky	2,787	1,949	69.9	224	8.0	376	13.5	17	.6	27	1.0	182	6.5	4	.2	8	.3
Mississippi	2,912	1,920	65.9	141	4.8	412	14.1	20	.7	11	.4	212	7.3	5	.2	191	6.6
Tennessee	5,669	3,863	68.1	324	5.7	891	15.7	61	1.1	56	1.0	454	8.0	3	.1	17	.3
West South Central	31,602	19,715	62.4	3,825	12.1	4,705	14.9	378	1.2	90	.3	2,674	8.5	44	.1	171	.5
Arkansas	3,360	2,273	67.7	319	9.5	392	11.7	48	1.4	27	.8	260	8.3	8	.2	13	.4
Louisiana	5,032	2,914	57.9	579	11.5	1,040	20.7	51	1.0	11	.2	415	8.2	9	.2	13	.3
Oklahoma	2,973	1,845	62.0	436	14.8	361	12.1	62	2.1	15	.5	223	7.5	5	.2	23	.8
Texas	20,237	12,682	62.6	2,467	12.3	2,912	14.4	217	1.1	37	.2	1,756	8.7	22	.1	122	.6
East North Central	43,580	29,426	67.5	5,515	12.6	4,928	11.3	649	1.5	255	.6	2,492	5.7	70	.2	245	.6
Illinois	11,150	7,025	63.0	1,171	10.5	1,536	13.8	275	2.5	68	.6	430	3.8	19	.2	66	.6
Indiana	2,997	2,058	68.7	333	11.1	352	11.8	22	.7	25	.8	184	6.1	3	.1	20	.7
Michigan	10,781	6,365	59.1	853	7.9	428	4.0	124	1.1	60	.6	865	8.0	12	.1	74	.7
Ohio	14,683	8,977	61.1	2,083	14.2	2,457	16.7	187	1.3	71	.5	795	5.4	31	.2	82	.6
Wisconsin	3,969	3,001	75.6	515	13.0	155	3.9	41	1.0	31	.8	218	5.5	5	.1	3	.1
West North Central	17,989	12,174	67.7	2,423	13.5	1,882	10.5	164	.9	64	.3	1,145	6.4	25	.1	112	.6
Iowa	2,373	1,485	62.6	554	22.9	151	6.4	27	.9	5	.2	189	7.1	1	.1	16	.7
Kansas	1,801	1,297	72.0	144	8.0	206	11.4	4	.2	4	.2	388	4.9	1	.1	10	.6
Minnesota	4,964	3,664	73.8	669	13.4	203	4.1	48	1.0	11	.2	384	7.1	4	.1	15	.3
Missouri	6,470	4,068	62.7	1,217	18.7	1,217	18.7	51	.8	39	.6	346	5.3	14	.2	57	.9
Nebraska	7,144	4,783	67.0	165	2.3	85	1.2	10	.9	5	.4	87	7.6	3	.3	6	.5
North Dakota	603	478	79.3	68	11.3	8	.1	5	1.0			39	6.5	1	.1	6	1.0
South Dakota	614	419	68.2	98	16.0	12	2.0	20	3.2			62	10.1	1	.2	2	.3

Table 23A. Field of employment of licensed practical or vocational nurses in each State and region, 1967—Continued

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
		Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
Mountain	10,520	7,000	66.5	1,550	14.7	971	9.2	197	1.9	6	1	659	6.3	82	1.8	55	1.5
Arizona	1,709	1,160	67.9	110	6.4	266	15.6	52	3.0	1	1	89	5.2	27	1.6	4	1.2
Colorado	3,657	2,079	56.8	867	23.7	412	11.3	36	1.0	2	1	187	5.1	42	1.1	32	1.9
Idaho	1,439	1,048	72.8	204	14.2	48	3.3	31	2.2	2	1	100	7.0	4	1.3	2	1.1
Montana	587	429	73.1	75	12.8	37	6.3	16	2.7	2	1	26	4.5	2	1.3	2	1.3
Nevada	544	430	79.0	31	5.7	24	4.4	3	1.6	...	...	52	9.6	4	1.7	4	1.7
New Mexico	1,116	773	69.3	89	8.0	109	9.8	53	4.7	...	...	83	7.4	6	1.5	3	1.3
Utah	1,191	880	73.9	133	11.1	50	4.2	5	1.4	1	1	113	9.5	1	1.1	8	1.7
Wyoming	277	201	72.6	41	14.8	25	9.0	1	1.4	...	...	9	3.2	...	...	...	...
Pacific	26,801	18,971	70.8	3,139	11.7	2,178	8.1	317	1.2	96	1.2	1,761	6.6	102	1.4	237	1.9
Alaska	198	137	69.2	5	2.5	4	2.0	41	2.7	...	...	5	2.5	2	1.1	4	2.0
California	18,479	13,175	71.3	1,981	10.7	1,579	8.5	197	1.1	63	1.3	1,285	7.0	89	1.5	110	1.6
Hawaii	1,203	932	77.5	31	2.6	59	4.9	9	1.8	10	1.8	144	12.1	...	...	16	1.3
Oregon	2,164	1,535	70.9	229	13.8	134	6.2	38	1.7	10	1.5	125	5.8	8	1.4	15	1.7
Washington	4,757	3,192	67.1	823	17.3	402	8.5	32	1.7	13	1.3	200	4.2	3	1.1	92	1.9

1 Less than .1 percent.

Table 24A. Field of employment of licensed practical or vocational nurses originally licensed by waiver, in each State and region, 1967

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office			Other		Not reported
		Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent		
United States	61,944	32,417	52.3	9,817	15.9	14,943	24.1	521	.8	264	.4	2,883	4.7	173	.3	926	1.5
New England	5,471	2,734	50.0	1,636	29.9	796	14.6	84	1.5	37	.7	89	1.6	11	.2	84	1.5
Connecticut	141	34.4	150	36.6	89	21.7	3	2.4	7	1.0	4	1.8	13	4.4	2	5	3
Maine	126	67	53.2	28	22.2	22	17.4										
Massachusetts	3,810	1,964	51.3	1,150	30.2	500	13.1	69	1.8	22	.6	41	1.1	4	1.1	70	1.8
New Hampshire	363	199	54.8	65	26.2	48	13.2	4	1.1	1	1.3	11	3.0	1	3	4	1.1
Rhode Island	347	161	46.4	90	25.9	67	19.3	3	1.9	10	2.9	11	3.2	3	.9	2	.5
Vermont	415	212	51.1	123	29.6	70	16.9	2	.5			5	1.2			3	.7
Middle Atlantic	21,306	12,223	57.4	2,313	10.3	5,629	26.4	116	.5	71	.3	495	2.3	44	.2	415	2.0
New Jersey	3,110	1,456	46.8	427	14.4	1,048	33.7	110	3.5	15	.5	64	2.1	4	.1	66	2.1
New York	3,720	1,962	49.9	641	17.2	1,060	28.4	32	1.9	22	.6	81	2.2	9	1.2	22	.6
Pennsylvania	14,466	8,905	61.6	1,225	8.5	3,521	24.3	73	.5	34	1.2	350	2.4	31	.2	327	2.3
South Atlantic	8,257	4,111	48.6	993	12.0	2,355	28.5	77	.9	29	.4	655	7.9	32	.4	105	1.3
Delaware	331	152	45.9	42	12.7	114	34.5	3	1.9	3	.9	14	4.2			3	.9
District of Columbia	1,050	701	66.7	83	7.9	215	20.5	26	2.5	1	1.1	15	1.4	1	1.1	8	.8
Florida	1,519	619	40.8	261	17.2	443	29.2	3	1.3			149	9.8	25	1.6	19	1.2
Georgia	1,344	620	46.1	223	16.6	789	21.5	18	1.3	11	.8	172	12.8	2	.2	9	.7
Maryland	137	73	53.3	12	8.8	40	29.2	5	3.6			5	3.6			2	1.5
North Carolina	1,700	837	49.2	159	9.4	523	30.8	4	1.4	4	1.2	150	8.8	1	1.1	22	1.3
South Carolina	362	133	36.7	47	13.0	113	31.2	5	1.4	3	.8	30	8.5	2	.6	29	2.0
Virginia	792	332	41.9	90	11.4	302	38.2	9	1.1	5	1.6	46	5.8			8	1.0
West Virginia	1,022	544	53.2	76	7.4	316	30.9	4	1.4	2	.2	74	7.3	1	.1	5	.5

Table 24A. Field of employment of licensed practical or vocational nurses originally licensed by waiver, in each State and region, 1967
—Continued—

State and region	Total number	Hospital		Nursing home		Private nursing		Public health		Industry		Physician's or dentist's office		Other		Not reported	
		Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent	Num-ber	Per-cent
East South Central	2,759	1,515	54.9	241	8.7	639	23.2	17	.5	24	.9	224	8.1	2	.1	97	3.5
Alabama.....	723	451	62.4	87	12.0	101	13.9	4	.5	4	.6	75	10.4			1	.1
Kentucky.....	576	299	51.9	54	9.4	176	30.6	3	.5	10	1.8	30	5.2	2	.3	2	.3
Mississippi.....	1,140	621	54.5	71	6.2	256	22.4	8	.7	4	.4	87	7.6			93	8.2
Tennessee.....	320	144	45.0	29	9.1	106	33.1	2	.6	6	1.9	32	10.0			1	.3
West South Central	7,233	3,270	45.2	1,110	15.4	2,023	28.0	67	.9	24	.3	658	9.1	14	.2	67	.9
Arkansas.....	416	165	39.6	49	11.8	145	34.8	4	.9	6	1.4	39	9.4	4	1.0	4	1.0
Louisiana.....	1,028	380	36.9	157	15.3	396	38.5	4	.4	2	.2	83	8.1	1	.1	5	.5
Oklahoma.....	791	436	55.1	122	15.4	149	18.8	14	1.8	6	.8	49	6.2	4	.5	11	1.4
Texas.....	4,998	2,289	45.8	782	15.7	1,333	26.7	45	.9	10	.2	487	9.7	5	.1	47	.9
East North Central	8,888	4,344	48.9	2,031	22.8	1,958	22.0	114	1.3	47	.5	299	3.4	18	.2	77	.9
Illinois.....	3,515	1,837	52.3	876	24.9	598	17.0	49	1.4	10	.3	116	3.3	3	.1	26	.7
Indiana.....	352	184	52.3	40	11.4	104	29.5	2	.6	6	1.7	10	2.8	1	.3	5	1.4
Michigan.....	441	309	70.1	48	10.9	47	10.7	5	1.1	6	1.4	23	5.2	1	.4	1	.2
Ohio.....	4,346	1,847	42.5	1,031	23.7	1,184	27.3	58	1.3	25	.6	145	3.3	12	.3	44	1.0
Wisconsin.....	234	167	71.4	36	15.4	25	10.7					5	2.1			1	.4
West North Central	2,603	1,387	53.3	401	15.4	639	24.5	17	.7	9	.3	116	4.5	7	.3	27	1.0
Iowa.....	209	108	51.7	62	29.7	29	13.9	2	.9			6	2.9			2	.9
Kansas.....	134	73	54.5	15	11.2	38	28.4					7	5.2			1	.7
Minnesota.....	102	61	59.8	20	19.6	16	1.6	2	2.0			2	2.0	1	1.0		
Missouri.....	1,871	960	51.3	260	13.9	525	28.1	12	.6	9	.5	81	4.3	5	.3	19	1.0
Nebraska.....	182	106	58.3	27	14.8	28	15.4					16	8.8	1	.5	4	2.2
North Dakota.....	32	28	87.5	3	9.4							1	3.1				
South Dakota.....	73	51	69.8	14	19.2	3	4.1	1	1.4			3	4.1			1	1.4
Mountain	3,183	1,598	50.2	768	24.1	548	17.2	18	.6	1	(.9)	192	6.1	39	1.2	77	.6
Arizona.....	455	229	50.3	51	11.2	131	28.8	3	.7			26	5.7	14	3.1	1	.2
Colorado.....	1,608	650	40.4	534	33.2	296	18.4	4	.3			86	5.4	23	1.4	15	.9
Idaho.....	99	57	57.5	15	15.2	10	10.1	2	2.0			15	15.2				
Montana.....	222	143	64.4	34	15.3	27	12.2	2	.9			14	6.3	2	.9		
Nevada.....	53	42	77.7	1	1.9	4	7.4	1	1.9			5	9.2			1	1.9
New Mexico.....	195	109	55.9	27	13.9	32	16.4	3	1.5			24	12.3				
Utah.....	394	264	67.0	79	20.0	29	7.4	3	.8	1	.2	16	4.1			2	.5
Wyoming.....	156	104	66.7	27	17.3	19	12.2					6	3.8				
Pacific	2,244	1,335	59.5	324	14.4	356	15.9	11	.5	22	1.0	155	6.9	6	.3	35	1.5
Alaska.....	10	6	60.0			1	10.0	2	20.0					1	10.0		
California.....	842	502	59.6	97	11.5	178	21.2	2	.2	6	.7	45	5.3	4	.5	8	1.0
Hawaii.....	473	344	72.7	11	2.3	25	5.3	3	.6	10	2.1	73	15.5			7	1.5
Oregon.....	245	143	58.4	39	15.9	41	16.8	2	.8	3	1.2	13	5.3	1	.4	3	1.2
Washington.....	674	340	50.4	177	26.3	111	16.5	2	.3	3	.4	24	3.6			17	2.5

1 Less than 1 percent.

APPENDIX B COUNTY DATA

DISTRIBUTION OF LICENSED PRACTICAL NURSES AND RATIO OF EMPLOYED PER 100,000
POPULATION BY COUNTY AND STATE, 1967

State and county	Population (in hundreds)	Total	All licensed practical nurses		No answer	Estimated employed	
			Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
ALABAMA							
AUTAUGA	236	22	18	4		18	76
BALDWIN	582	54	42	12		42	72
BARBOUR	247	15	7	5	3	9	36
BIBB	147	12	8	3	1	9	61
BLOUNT	170	30	26	2	2	28	108
BULLOCK	133	6	3	3		3	23
BUTLER	238	22	20	2		20	84
CALHOUN	1,007	162	130	29	3	132	131
CHAMBERS	375	62	46	12	4	49	131
CHELOKEE	160	17	17	4	1	18	113
CHILTON	369	37	31	6		31	119
CHOCTAW	181	14	11	3		11	61
CLAYKE	266	6	5		1	6	23
CLAY	125	11	10	1		10	80
CLEBURNE	109	4	4			4	37
COFFEE	322	38	33	5		33	102
COLBERT	518	110	87	19	4	90	174
CONCECUH	171	14	14	2		12	70
COOSA	106	5	5			5	47
COVINGTON	360	40	33	6	1	34	94
CRENSHAW	150	15	14	2		13	93
CULLMAN	421	63	51	10	2	53	108
DALE	228	181	147	24	8	136	402
DALLAS	564	30	61	5	4	65	115
DE KALB	478	30	44	8	1	22	52
ELMORE	373	35	30	4	1	31	95
ESCAMBIA	352	29	23	4	1	24	68
ETOWAH	1,092	163	130	26	7	136	136
FAYETTE	168	23	21	2		21	125
FRANKLIN	232	57	51	6		51	220
GENEVA	219	28	23	2	3	26	119
GRENE	111	6	4	2		5	38
HALE	124	9	5	1	3	7	38
HENRY	137	21	16	4	1	17	116
HOUSTON	563	21	16	4	1	17	30
JACKSON	382	47	33	5	4	42	110
JEFFERSON	5,000	1,370	1,122	179	69	1,181	174
LAMAR	136	17	12	5		12	82
LAUDERDALE	680	201	161	36	4	164	238
LAWRENCE	440	50	35	13	2	36	65
LIMESTONE	411	42	35	7		35	87
LOWNDES	138	1	1			1	7
MACON	265	33	28	3	1	30	120
MADISON	1,820	216	149	59	8	155	84
MARION	1,000	18	15	2		16	59
MARSHALL	1,000	37	32	3	2	34	152
MOBILE	3,557	591	470	103	3	85	155
					18	485	136

MONROE	218	10	1	11	50
MONTCOMERY	1,851	221	35	230	124
MORGAN	759	168	40	173	231
PERRY	132	7	1	7	41
PICKENS	211	5	2	5	24
PIKE	360	22	4	23	88
HANDOLPH	190	13	1	17	89
RUSSELL	476	21	8	13	27
ST CLAIR	262	47	5	52	160
SHELBY	343	42	4	38	111
SUMTER	196	12	1	11	58
TALLEDEGA	685	45	2	47	69
TAI LAPOOSA	358	38	2	39	109
TUSCALOOSA	1,196	78	8	185	155
WALKER	575	81	13	67	117
WASHINGTON	168	13	2	11	70
WILCOX	170	11	1	5	29
WINSTON	151	22	3	22	143
COUNTY NOT IDENT.			1		
COUNTY NOT IDENT.					
OUT OF STATE RES.		16		16	
State totals	35,381	4,263	805	203	125

ARIZONA					
APACHE	417	39	8	1	96
COCHISE	570	44	21	3	21
COCONINO	544	21	18	1	40
GILA	302	75	7		33
GRAHAM	263	10	3	1	67
GREENLEE	117		2		
MARICOPA	8,766	929	244	12	105
MOHAVE	61	17	6		11
NAVAJO	479	46	19	1	68
PIMA	3,343	416	115	9	58
PINAL	50	36	13		127
SANTA CRUZ	138	2	1	1	56
SANTA CRUZ	337	36	9		7
YAVAPI	79	66	9	4	107
YUMA	577	29	3	1	121
COUNTY NOT IDENT.					
COUNTY NOT IDENT.					
OUT OF STATE RES.		29		29	
State totals	16,760	1,709	478	34	104

ARKANSAS					
ARKANSAS	257	30	6	1	121
ASHLEY	295	8	5		31
BAXTER	111	21	5		8
BENTON	421	66	17	3	21
BOONE	172	41	5	1	68
BRADLEY	47	42	2	1	154
CALHOUN	178	42	4		244
CARROLL	196	2	2		312
CHicot	123	2	1		36
CLARK	202	2	1	2	17
CLAY	271	25	8	3	2
CLEBURNE	47	17	3	1	118
CLEVELAND	47	5	4	1	13
COLUMBIA	70	20	3	1	85
COLUMBIA	296	41	3	1	69
CONWAY	156	13	3	3	300
CRAWHEAD	522	129	2	1	165
CRAWFORD	259	33	2	1	122
		22	3		256
		33			127

ARKANSAS—Continued

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed	
		Total	Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
CRITTENDEN	531	20	57	12	1	58	109
CROSS	194	24	25	4		25	129
DALLAS	102	36	32	4		32	314
DESHA	203	21	13	2		13	94
DREW	171	11	9	2		9	53
FAULKNER	211	50	29	11		39	125
FRANKLIN	112	10	3	7		7	63
FULTON	68	12	7	4		7	118
GARLAND	500	100	152	37	3	154	308
GRANT	100	14	7	7		7	70
GREENE	248	60	51	7	2	53	214
HEMPSTEAD	196	60	49	9	2	51	262
HOT SPRING	213	58	51	15	2	53	249
HOWARD	100	24	21	3		21	210
INDEPENDENCE	217	72	58	13	1	59	272
LAFAYETTE	166	13	3	10		3	75
LAFAYETTE	166	13	3	10		3	75
LAWRENCE	220	27	27	0	1	27	172
LEE	220	27	27	0	2	29	172
LINCOLN	149	4	3	1		6	27
LITTLE RIVER	97	19	13	6		3	20
LOGAN	178	11	10	1		13	134
LONG	257	21	13	8		13	73
LONOKE	101	8	7	1		7	54
MADISON	39	27	10	17		10	69
MARION	324	3	1	2		1	169
MILLER	759	64	51	13	1	58	76
MISSISSIPPI	190	11	11	0		11	58
MONROE	53	4	3	1		3	57
MONTGOMERY	102	28	20	8	1	21	206
NEVADA	60	5	2	3		2	33
NEWTON	301	152	120	30	2	122	405
OUACHITA	50	3	3	0		3	60
PERRY	465	80	72	8	2	74	159
PHILLIPS	82	26	19	7	2	8	98
PINE	318	12	9	3	1	20	63
POINSETT	101	13	13	0		9	87
POLK	277	13	13	0	1	14	51
POPE	105	5	3	2		3	29
PRAIRIE	2,038	975	763	164	23	805	274
PULASKI	129	43	17	26		17	142
RANDOLPH	547	43	30	13	1	37	107
ST FRANCIS	347	72	40	32	6	53	157
SALINE	80	6	4	2		4	50
SCOTT	40	8	6	2		6	75
SEARCY	271	10	10	0	6	190	229
SEBASCHIAN	173	10	10	0	1	32	260
SEVIER	64	7	7	0		4	59
SHARP	51	13	13	0		7	115
STONER	42	19	19	0	3	138	286
UDEN	21	9	9	0		9	111
WASHINGTON	727	109	109	0	1	127	175

WHITE
WOODRUFF
YELL
COUNTY NOT IDENT.
OUT OF STATE RES.

State totals

137
51
140
176

53
7
19
115
3,448

1
:
104

16
:
664

53
6
16
115
3,350

63
4
22
2
115
4,128

296
138
136
19,580

CALIFORNIA

ALABAMA

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245

83

293

306

68

143

102

106

115

115

73

88

100

134

174

74

77

86

101

68

146

153

77

74

39

1,440

17

273

5

36

618

5

430

6

146

68

5

260

67

32

14

6,874

98

44

118

6

74

107

93

7

12

194

228

78

864

109

12

466

725

113

584

1,257

971

494

77

480

754

668

165

121

2

26

65

215

344

140

27

5

38

2

5

30

11

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77

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34

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370

10

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178

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1,321

10

73

4

5

584

3

406

6

134

16

16

24

95

20

13

5

1,624

12

66

11

7

13

32

7

5

5

1

5

53

16

344

102

4

131

442

209

1

751

414

232

41

115

167

75

270

42

114

1

12

1,441

1

27

352

61

405

6

40

581

14

192

95

24

90

55

29

8,576

17

124

13

44

67

32

1

1

2

201

31

246

12

810

102

19

605

44

843

843

1,701

704

612

106

609

304

909

204

164

3

3

3

State and county	Population (in hundreds)	Total	All licensed practical nurses		Not employee	No answer	Estimated employ.	
			Employed	employee			Number (adjusted fig.)	Nurse-population ratio
CALIFORNIA--Continued								
TULARE	1,977	292	198	59	35	225	117	
TUOLUMNE	210	52	42	8	2	44	210	
VENTURA	3,276	358	222	118	18	234	71	
YOLO	917	63	62	19	12	71	85	
YUBA	484	105	79	21	5	83	179	
COUNTY NOT IDENT.		20	2	2	16	10		
OUT OF STATE RES.		172	140			140		
State totals	194,677	26,203	18,479	5,626	2,098	20,691	103	
COLORADO								
ADAMS	1,642	345	270	69	6	275	167	
ALAYOSA	94	7	5	2		5	51	
ARAPAHOE	1,389	137	169	26	2	171	124	
ARCHULETA	75	1		1				
BACA	61	5	4	1		4	66	
BENT	64	22	15	7		15	231	
BOULDER	1,074	269	205	63	1	206	187	
CHAFFEE	66	13	9	8	1	10	104	
CHEYENNE	26	6	6			6	231	
CLARK CREEK	34	1		1				
CONJOS	60	6	4	1	1	5	63	
COSTILLA	33	1	1			1	30	
CROWLEY	34	2	2			2	59	
CUSTER	12	1	1			1	83	
DELTA	129	31	27	3	1	28	188	
DENVER	5,030	1,221	1,034	167	20	1,051	209	
DOLORES	17							
DOUGLAS	64	5	5			5	78	
EAGLE	54	5	4	1		4	74	
ELBERT	35	2				2	57	
EL PASO	1,994	415	324	86	5	328	164	
FREMONT	213	13	61	12		61	286	
GARFIELD	182	24	18	5	1	19	138	
GILPIN	8	2	2	1		2	250	
GRAND	26	2	1	1		1	28	
GUNNISON	63	2		2				
HINSDALE	2							
HUEFANO	75	10	9	1		9	120	
JACKSON	16							
JEFFERSON	2,122	305	246	59	1	247	114	
KIOWA	41	5	4	1		4	190	
KIT CARSON	72	10	10			10	139	
LAKE	37	7	4	2	1	5	57	
LA PLATA	161	12	57	8		54	298	
LAPIDAR	439	46	178	24	2	178	258	
LAS ANIMAS	156	60	52	7		53	340	
LINCOLN	44	5	6	3		6	125	
LOGAN	137	50	43	7		43	218	
MESA	540	176	146	30		146	270	
MINERAL	63	1		1				
MOFFAT	69	12	7	5		7	101	
MONTAGNA	134	19	13	6		13	97	
MONTROSE	196	26	30	6		30	153	

MORGAN	193	48	43	5	43	223
OTERO	240	59	53	6	53	221
OURAY	16	1		1		
PARK	15	2	2	2	2	133
PHILLIPS	42	17	12	5	12	286
PITKIN	32	2	2	2	2	63
PROWERS	128	18	15	3	15	117
PUEBLO	1,290	502	355	146	355	276
RIO BLANCO	50	9	9	2	9	180
RIO GRANDE	113	13	11	2	11	97
ROUITT	58	9	7	2	7	121
SAGUACHE	43	4	3	1	3	70
SAN JUAN	9	1		1		
SAN MIGUEL	19	9	9		9	243
SEOGWICK	37	17				
SUMMIT	17	15	14	1	14	467
TELLER	30	16	14	2	14	237
WASHINGTON	59	85	72	12	73	94
WELD	777	29	28	1	28	354
YUMA	79	3		2		
COUNTY NOT IDENT.		38	38		38	
OUT OF STATE RES.						
State totals	20,383	4,510	3,657	809	3,656	181

CONNECTICUT						
FAIRFIELD	7,729	946	742	169	772	100
HARTFORD	7,954	1,072	873	161	905	114
LITCHFIELD	1,363	212	164	39	171	125
MIDDLESEX	1,080	237	200	28	208	193
NEW HAVEN	7,365	1,249	1,047	163	1,081	147
NEW LONDON	2,214	331	246	70	258	117
TOLLAND	918	138	102	29	107	117
WINDHAM	792	149	119	23	125	158
COUNTY NOT IDENT.		2		1		
OUT OF STATE RES.		50	50		50	
State totals	29,425	4,386	3,549	683	3,677	125

DELAWARE						
KENT	797	73	58	15	58	73
NEW CASTLE	3,644	596	479	109	486	133
SUSSEX	770	105	79	22	82	106
COUNTY NOT IDENT.		5		3		
OUT OF STATE RES.		24	24		24	
State totals	5,211	803	640	149	650	125

DISTRICT OF COLUMBIA						
DIST OF COLUMBIA	8,103	2,241	1,900	259	1,972	243
OUT OF STATE RES.		190			190	
State totals	8,103	2,431	2,090	259	2,162	267

FLORIDA						
ALACHUA	933	214	173	18	194	208
BAKER	34	7	4	2	5	60
BAY	735	119	86	17	99	135
BRADFORD	130	11	6	2	8	62
BREVARD	2,190	265	168	70	187	86

State and county	Population (in hundreds)	Total	All licensed practical nurses		No. answer	Estimated employed	
			Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
FLORIDA—Continued							
BROWARD	4,735	783	547	137	99	626	132
CALHOUN	79	16	12	2	2	14	177
CHARLOTTE	205	48	23	15	10	29	141
CITRUS	131	11	6	3	2	7	53
CLAY	230	35	23	9	3	25	109
COLLIER	294	38	26	6	6	31	105
COLUMBIA	246	42	31	6	5	35	142
DADE	11,301	1,825	1,393	213	219	1,583	139
DE SOTO	135	18	13	3	2	15	111
DIXIE	51	1	1			1	20
DUVAL	5,290	970	779	115	76	845	160
ESCAMBIA	2,045	471	364	61	46	403	197
FLAGLER	53	6	6			6	113
FRANKLIN	75	9	5	3	1	6	80
GADSDEN	448	62	51	5	6	56	125
GILCHRIST	33	4	2	1	1	3	91
GLADES	40	1					
GULF	96	16	9	2	5	13	135
HAMILTON	80	2	2			2	25
HARDEE	132	24	17	4	3	19	123
HENDRY	132	9	6	2	1	7	57
HERNANDO	135	46	27	14	5	30	222
HIGHLANDS	237	50	48	4	4	51	196
HILLSBOROUGH	4,643	1,064	865	109	90	945	204
HOLMES	114	8	7		1	7	61
INDIAN RIVER	333	42	30	6	6	35	103
JACKSON	360	60	42	10	8	48	130
JEFFERSON	96	17	14	2	1	15	156
LAFAYETTE	29	3	2	1		2	69
LAKE	644	96	67	14	14	79	123
LEE	749	113	74	29	10	81	103
LEON	890	188	133	31	24	152	171
LEVY	131	25	19	4	2	21	174
LIBERTY	29	8	8	1		8	276
MADISON	148	13	9	1	3	12	81
MANATEE	836	202	161	21	20	179	214
MARION	655	76	56	13	7	62	95
MARTIN	237	71	12	7	2	13	55
MONROE	607	99	63	26	10	70	115
NASSAU	195	14	7	5	2	8	41
OKALOOSA	319	77	38	26	13	46	56
OKEECHOBEE	98	17	8	2	2	10	102
ORANGE	3,363	575	432	75	57	491	149
OSCEOLA	217	45	36	5	4	40	184
PALM BEACH	3,006	444	320	76	48	359	119
PASCO	449	111	66	30	15	76	169
PINELLAS	4,527	1,341	980	428	133	1,088	240
POLK	2,332	401	324	40	37	357	153
FUTNAM	217	55	39	11	5	43	124
ST. JOHN	333	63	52	8	3	55	165
ST. LUCIE	500	50	37	9	4	40	80
SANTA ROSA	351	47	42	2	3	45	128
SARASOTA	562	314	222	51	41	255	260
SEMINOLE	747	46	63	19	8	66	87
SUMTER	148	9	7	1	1	8	58

SUWANEE	173	43	28	8	7	33	191
TAYLOR	136	24	17	3	4	20	147
UNION	67	10	7	2	1	8	119
VOLUSIA	1,667	489	371	73	45	409	246
WAKULLA	56	7	7	7		7	125
WALTON	162	11	5	4	2	6	37
WASHINGTON	118	13	13	4		13	110
COUNTY NOT IDENT.		11	11	2	3	14	
OUT OF STATE RES.		221	221			221	
State totals	61,661	11,625	8,753	1,674	1,198	9,747	158

GEORGIA							
APPLING	137	9	8	1		8	58
ATKINSON	62	3	3	3		3	48
BACON	88	14	10		1	11	125
BAKER	47	3	2	12	3	2	48
BALDWIN	393	102	87	2		90	229
BANKS	68	3	5	1		2	29
BARROW	152	6	5	1		5	33
BARTOW	321	27	22	1		22	69
BEN HILL	135	51	41	5	2	43	319
BERRIEN	111	10	10	8		10	90
BIBB	1,558	140	143	32	5	147	94
BLECKLEY	100	5	3	2		3	30
BRANTLEY	58	3	2	1		2	34
BROOKS	146	12	10	2		10	68
BRYAN	63	4	2	2		2	50
BULLOCH	761	27	12	13	2	13	38
BURKE	209	9	8	1		12	126
BUTTS	95	14	12	2	1	7	97
CALHOUN	77	8	6	3	1	8	72
CAMDEN	111	11	8	3		4	57
CANDLER	70	5	4	9	3	41	102
CAPROLL	402	51	39	3		11	47
CATOOSA	235	11	4			4	68
CHARLTON	59	4	4	61	6	245	121
CHATHAM	2,075	307	240				
CHATTAHOOCHEE	119	26	19	7		19	94
CHATTOOGA	202	17	14	2	1	15	60
CHEROKEE	762	56	47	9		47	89
CLARKE	430	7	7	2		5	111
CLAY	45	7	7	2		28	35
CLAYTON	793	43	26	14	3	11	153
CLINTON	72	16	11	5		104	61
COBB	1,712	157	101	52	4	19	85
COFFE	244	21	18	2	1	22	65
COLOQUIT	387	26	21	4		16	80
COLUMBIA	209	73	16	7	2	18	143
COOK	136	14	23	2	3	26	83
COWETA	314	28	3	2		15	48
CRAWFORD	67	3	3	2	1	3	82
CRISP	144	17	14	4	1	32	37
CUMBERLAND	94	4	3	4		1	74
DALHOUSIE	77	1	1	5	2	18	74
DECATUR	244	23	16		10	170	47
DE KALE	3,544	234	193	65		8	53
DODGE	110	1	3	2		36	71
DOOLY	112	14	36	18		19	42
DOUGHERTY	693	14	14	7		7	83
DOUGLAS	273	14	7	1		53	
FARLEY	133	8					

GEORGIA—Continued

State and county	Population (in hundreds)	Total	All licensed practical nurses		Not employed	No answer	Estimated employed	
			Employed	Not employed			Number (adjusted fig.)	Nurse-population ratio
EUHOLS	19	1	1				1	53
EFFINGHAM	132	6	5	1			5	38
CLBERT	178	20	16	4			16	90
EMANUEL	193	17	14	3			14	73
EVANS	75	7	3	3		1	4	53
FANNIN	135	6	5	1			5	37
FAYETTE	88							
FLOYD	729	307	254	49	4		257	353
FORSYTH	136	12	11	1			11	81
FRANKLIN	123	26	23	3			23	187
FULTON	6,113	608	431	146	31		454	74
GILMER	88	7	6	1			6	68
GLASCOCK	26	3	3				3	115
GLYNN	516	53	42	10	1		43	83
GORDON	209	54	45	8	1		46	220
GRADY	188	16	9	6	1		10	53
GREENE	111	4	1	2	1		1	9
GWINNETT	580	20	11	9			11	19
HABERSHAM	199	29	22	7	1		22	111
HALL	568	69	52	16			53	93
HANCOCK	100	1	16	1			17	113
HARALSON	150	19	8	2	1		8	68
HARRIS	117	9	18	1			18	114
HART	158	20	7	1			7	137
HEARD	51	8	4	1			4	16
HENRY	246	13	4	8	1		6	12
HOUSTON	502	7	4	1	2		12	133
IRWIN	90	15	12	3			10	57
JACKSON	176	14	10	4			3	31
JASPER	60	4	3	1			7	38
JEFF DAVIS	96	12	6	5	1		4	44
JEFFERSON	183	4	4				1	12
JENKINS	91	1	1				4	37
JOHNSON	82	1	3		1		2	19
JONES	108	4	2	2			10	185
LAMAR	107	4	9				23	98
LANIER	54	10	32	10	1		5	76
LAURENS	336	43	5	6			4	28
LEE	66	11	4	3			1	17
LIBERTY	141	4	1				1	25
LINCOLN	58	4	1	1			53	99
LONG	40	2	50	10	4		2	23
LOWNDES	538	64	4	2			4	29
LUMPKIN	79	4	4				12	90
MCDUFFIE	138	4	1	4			1	8
MCINTOSH	68	1	12	1			1	19
MACON	133	16	1	2			13	65
MADISON	118	3	1	4			1	15
MARION	54	17	13	2			14	68
MARIWETHER	201	3	1	3			10	92
MILLER	68	17	9		2			
MITCHELL	206	17						
MONROE	109	15						
MONTGOMERY	66							

MORGAN	104	4	3	1	9	3	29
MURRAY	119	17	16	1		16	134
MUSCOGEE	1,888	282	209	64		216	114
NEWTON	1,248	3	3			3	12
OCONEE	68	4	4			4	59
OGLETHORPE	77	3	2	1		2	26
PAULDING	158	14	8	5	1	9	57
PEACH	152	43	31	11	1	32	211
PICKENS	96	5	5			5	53
PIERCE	97	23	15	7	1	16	165
PIKE	74	4	4			4	54
POLK	294	45	39	6		39	133
PULASKI	86	13	11	1	1	12	140
PUTNAM	83	3		3			
QUITMAN	23						
RABUN	80	7	7			7	88
RANDOLPH	102	5	4	1		4	39
RICHMOND	1,608	227	188	32	7	194	121
ROCKDALE	153	8	6	2		6	39
SCHLEY	33	6	3	3		3	91
SCREVEN	148	12	11	1		11	74
SEMINOLE	73	9	7	2		7	96
SPALDING	392	49	41	7	1	42	107
STAPHENS	193	23	17	6		17	88
STEWART	73	4	4			4	55
SUMTER	261	53	40	12	1	41	157
TALBOT	74	1		1			
TALIAFERRO	28						
TATTNALL	166	13	8	5		8	48
TAYLOR	80	6	6			6	75
TELFAIR	118	12	12			12	102
TERRELL	129	17	13	4		13	101
THOMAS	381	55	43	12		43	113
TIFT	251	20	12	8		12	46
TOOMBS	184	19	12	5	2	13	71
TOWNS	46	3	2	1		2	43
TREUTLEN	62	2	1	1		1	16
TROUP	466	104	78	23	3	80	172
TURNER	84	8	7	1		7	83
TWIGGS	83	1	1			1	12
UNION	69						
UPSON	248	29	23	6		23	93
WALKER	523	77	62	14	1	63	120
WALTON	217	17	12	4	1	13	60
WARE	377	85	62	22	1	63	167
WARREN	75	3	1	2		1	13
WASHINGTON	188	25	20	5		20	106
WAYNE	194	14	9	5		9	46
WEBSTER	31						
WHEELER	52	3	2	1		2	38
WHITE	74	5	3	2		3	41
WHITEFIELD	537	71	60	11		60	116
WILCOX	176	5	4	1		4	53
WILKES	111	7	5	1	1	6	54
WILKINSON	97	5	4	1		4	41
WORTH	159	73	52	19	2	53	333
COUNTY NOT IDENT.		104	104			104	
OUT OF STATE RES.		4,987	3,801	1,046	140	3,912	88
State totals	44,649						

State and county	Population (in hundreds)	Total	All licensed practical nurses		No answer	Estimated employed	
			Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
IDAHO							
ADA	1,046	258	170	85	3	172	164
ADAMS	29	3	1	2		1	34
BANNOCK	529	206	169	37		169	319
BEAR LAKE	67	17	13	4		13	194
BENEAH	59	9	6	3		6	102
BINGHAM	306	98	76	21	1	77	252
BLAINE	49	5	3	2		3	61
BOISE	27	4		4			
BONNER	153	22	16	6		16	105
BONNEVILLE	535	149	101	48	2	102	191
BOUNDARY	34	19	13	6		18	333
BUTTE	36	7	6	1		6	167
CAMAS	9						
CANYON	632	227	181	46		181	286
CARIBOU	64	22	18	4		18	281
CASSIA	170	36	30	6		30	176
CLARK	8	1	1			1	125
CLEARWATER	93	44	36	8		36	387
CUSTER	28	3		3			
ELMORE	174	13	9	4		9	52
FRANKLIN	81	10	6	4		6	74
FREMONT	94	34	26	8		26	277
GEM	91	33	26	7		26	286
GOODING	91	21	14	7		14	134
IDAHO	134	35	28	7		28	209
JEFFERSON	121	32	19	13		19	157
JEROME	112	35	26	9		26	232
KOOTENAI	327	68	49	19		49	150
LATAH	208	20	15	5		15	72
LEMO	55	39	29	10		29	527
LEWIS	45	10	1	9		1	22
LINCOLN	32	8	4	4		4	125
LADISON	100	12	11	1		11	110
MINIDOKA	188	29	25	4		25	149
NEZ PERCE	300	116	72	43	1	73	243
ONEIDA	32	14	10	4		10	313
OWYHEE	59	12	11	1		11	186
PAYETTE	122	22	12	9	1	13	107
POWER	52	22	15	7		15	288
SHOSHONE	191	43	38	10		38	199
TETON	25	4	4			4	160
TWIN FALLS	418	123	95	28		95	227
VALLEY	36	17	9	3		9	250
WASHINGTON	84	28	17	11		17	202
COUNTY NOT IDENT.		4		4			
OUT OF STATE RES.		23	23			23	
State totals	7,046	1,957	1,439	510	8	1,445	205
ILLINOIS							
ADAMS	690	137	96	27	14	107	155
ALEXANDER	135	12	8	3	1	9	67

BOND	136	11	2	3	14	103
BOONE	227	45	7	3	48	211
BROWN	57	1	3	1	1	11
BUREAU	356	36	8	5	40	112
CALHOUN	54	4	3	1	5	93
CARROLL	194	13	8	8	13	67
CASS	135	18	3	2	20	148
CHAMPAIGN	1,113	156	32	25	177	117
CHRISTIAN	395	60	7	2	62	175
CLARK	156	6	1	1	7	45
CLAY	149	5	7	2	6	40
CLINTON	249	19	7	1	20	80
COLES	476	90	11	11	99	232
COOK	170	869	19	562	5,487	205
CRAWFORD	54,324	38	10	3	40	53
CUNBERLAND	94	5	1	2	5	65
DE KALB	607	47	8	2	39	113
DE WITT	151	14	6	4	17	78
DOUGLAS	205	15	5	1	16	46
DU PAGE	4,262	186	52	14	197	45
EDGAR	270	10	1	1	10	57
EDWARDS	70	3	1	4	4	147
EFFINGHAM	238	32	6	35	35	106
FAYETTE	207	20	2	2	22	194
FORD	155	28	4	2	30	439
FRANKLIN	344	136	24	18	151	110
FULTON	419	44	11	3	46	188
GALLATIN	64	11	1	1	12	182
GREENE	170	28	2	3	31	106
GRUNDY	246	32	5	4	26	384
HAMILTON	86	33	8	31	33	1,220
HANCOCK	241	268	53	3	294	283
HARDIN	46	11	5	5	13	72
HENDERSON	69	5	1	4	66	130
HENRY	507	77	10	1	28	83
IROQUOIS	338	27	5	1	87	191
JACKSON	456	100	11	14	3	28
JASPER	107	4	1	5	93	323
JEFFERSON	288	88	8	2	14	79
JERSEY	178	13	5	2	19	90
JO DAVIES	217	17	1	2	15	246
JOHNSON	61	12	1	45	291	115
KANE	2,533	254	59	23	134	128
KANKAKEE	1,046	114	18	18	10	44
KENDALL	1,275	9	2	16	117	182
KNOX	137	102	18	23	316	87
LAKE	643	17	82	8	158	133
LA SALLE	3,625	298	23	2	20	120
LAWRENCE	1,186	152	44	11	117	287
LEE	166	18	2	1	50	118
LIVINGSTON	407	108	21	7	31	84
LOGAN	423	49	3	4	34	120
LOGAN	369	26	9	4	45	42
MCDONOUGH	284	30	3	5	62	68
MCHENRY	1,079	58	17	3	51	40
MGLENN	908	60	17	7	69	147
MACON	1,233	43	15	28	323	130
MACCUPIN	1,770	63	72	3	68	181
MADISON	2,485	300	10	1	9	66
MARION	376	65	2	2	29	212
MARSHALL	136	8	2	7	12	130
MASON	149	9	2	8	12	130
MASSAC	137	24	8	3		
MENARD	92	12				

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Estimated employed Nurse-population ratio
ILLINOIS—Continued							
MERCER	171	22	14	6	2	15	88
MONROE	175	19	17	1	1	18	103
MONTGOMERY	308	48	43	4	1	44	143
MORGAN	373	79	52	16	11	60	161
MOULTRIE	118	50	42	8		42	356
OGLE	411	24	17	3	4	20	49
PEORIA	1,993	392	311	55	26	333	167
PERCY	177	71	54	13	3	57	322
PIATT	161	57	47	7	3	50	311
PIKE	175	28	17	3	8	24	137
POPE	32	9	6	2	1	7	219
PULASKI	88	8	6	1	1	7	80
PUTNAM	45	9	4	4	1	5	111
RANDOLPH	282	40	33	5	2	35	124
RICHLAND	144	27	22	3	2	24	167
ROCK ISLAND	1,624	206	147	46	13	157	97
ST CLAIR	2,852	298	212	55	31	237	83
SALINE	1,227	138	105	25	8	111	489
SANGAMON	1,354	273	208	39	26	230	147
SCHUYLER	81	14	8	3	3	10	123
SCOTT	59	9	7	1	1	8	136
SHELBY	218	43	35	5	3	38	174
STARK	75	2	1	1		1	13
STEPHENSON	494	55	37	15	4	40	81
TAZEWELL	1,134	135	99	26	10	107	94
UNION	158	39	26	8	5	30	190
VERMILION	1,002	161	132	22	7	138	138
WARREN	133	22	19	2	1	20	150
WASHINGTON	214	53	33	14	6	27	173
WAYNE	129	22	17	4	1	18	140
WHITE	165	26	18	6	3	20	108
WHITESIDE	657	121	83	36	2	24	142
WILL	2,361	149	105	37	2	84	129
WILLIAMSON	454	152	136	18	7	110	47
WINNEBAGO	2,340	238	175	46	8	143	315
WOODFORD	263	34	22	11	17	188	86
COUNTY NOT IDENT.		44	35	5	4	39	
OUT OF STATE RES.		171	171			171	
State totals	108,974	14,571	11,150	2,231	1,190	12,146	111
INDIANA							
ACAMS	254	18	11	7		11	43
ALLEN	2,625	223	175	39	9	182	69
BARTHOLOMEW	569	57	43	10	4	46	82
BENTON	120	3	3			3	25
BLACKFORD	156	10	7	3		7	45
BOONE	290	28	21	3	4	25	86
BROWN	77	1	1			1	13
CARROLL	170	7	6	1	1	6	35
CASS	420	29	22	5	1	24	57
CLARK	701	40	27	13		27	39

CLAY	223	17	14	2	1	1	15	14
CLINTON	315	16	15	1			15	15
CRAWFORD	79							
DAVLISS	262	13	9	3			10	10
DEARBORN	300	10	9	1			10	10
DECATUR	214	11	9	1			9	9
DE KALB	298	25	18	2			20	20
DELAWARE	1 197	197	164	22	11		11	11
DUBOIS	310	13	11	1			12	12
ELKHART	1 195	72	53	14	5		5	5
FAYETTE	240	6	5	1			5	5
FLOYD	557	31	23	1	3		23	23
FOUNTAIN	137	1	1	5			1	1
FRANKLIN	159	1	1				1	1
FULTON	157	13	13				13	13
GIBSON	292	22	15	3			15	15
GRANT	329	109	91	15	3		91	91
GREEN	260	12	7	5	3		7	7
HAMILTON	474	35	29	4	2		31	31
HANCOCK	320	23	18	5			18	18
HARRISON	197	5	4	1			4	4
HENDRICKS	497	29	20	6	3		22	22
HENRY	508	41	32	5	4		37	37
HOWARD	789	47	35	9	3		32	32
HUNTINGTON	354	25	22	3			22	22
JACKSON	321	13	9	3	1		10	10
JASPER	130	6	5	1			5	5
JAY	234	19	13	5			14	14
JEFFERSON	253	15	9	6	1		9	9
JENNINGS	211	12	8	2	2		10	10
JOHNSON	523	31	24	7			21	21
KNOX	414	13	11	6	1		12	12
KOSCIUSKO	458	36	23	12			21	21
LAGRANGE	704	5	4	1			4	4
LAFAYETTE	5 439	522	407	81	34		435	435
LA PORTE	1 072	46	39	6	1		40	40
LAWRENCE	362	16	9	6			10	10
MADISON	1 342	72	51	17	4		54	54
MARION	7 618	834	651	127	106		740	740
MARSHALL	355	20	15	3	2		17	17
MARTIN	107	3	3				3	3
MIAMI	424	18	11	6	1		12	12
MONROE	721	22	13	7	2		14	14
MONTGOMERY	328	6	5	1			5	5
MORGAN	430	13	11	2			11	11
NEWTON	120	1	1	1			1	1
NOBLE	301	20	11	8	1		12	12
OHIO	40							
ORANGE	174	5	3	2			3	3
OWEN	114	5	3	2			3	3
PAPKE	145	10	8	1	1		9	9
PEPEY	133	3	2				2	2
PIKE	120	7	5				7	7
PORTER	782	27	17	9	2		18	18
POSEY	214	8	8		1		8	8
PULASKI	126	3	3				3	3
PUTNAM	251	17	12	5			12	12
RANDOLPH	296	18	16	1	1		17	17
RIPLEY	224	12	10	1	1		11	11
RUSH	202	13	12	1			12	12
ST JOSEPH	2 530	153	112	31	9		120	120
SCOTT	155	6	4	1	2		5	5
SHELBY	364	15	14				15	15

All licensed practical nurses					Estimated employed		
State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
INDIANA—Continued							
SPENCER	166	6	2	2	2	3	14
STARKE	177	3	2	1		2	11
STEEBEN	171	7	4	3		4	23
SULLIVAN	200	18	14	3	1	15	25
SWITZERLAND	66						
TIPPECANOE	994	42	36	4	2	33	38
TIPTON	170	6	6			6	45
UNION	68	1	1			1	15
VANDERBURGH	1,671	120	110	13	7	116	69
VERMILION	158	10	8	2		8	51
VIGO	1,081	118	102	10	6	107	69
WABASH	351	24	19	2	3	22	83
WARREN	83	1	1			1	12
WARRICK	246	15	10	3	2	12	43
WASHINGTON	189	13	8	4	1	9	48
WAYNE	778	40	35	4	1	36	46
WELLS	229	30	25	4	1	26	114
WHITE	220	1	3	1	1	2	44
WHITLEY	213	1	11	4	1	12	56
COUNTY NOT IDENT. OUT OF STATE RES.		102	102	6	2		
State Totals	50,187	3,885	2,997	620	268	3,222	64
OWA							
ADAIR	95	2	2			2	21
ADAMS	64	7	3	4		3	47
ALLAMAKEE	159	13	7	6		7	42
APPANOOSE	132	29	26	3		26	171
AUDUBON	100	7	7			7	70
BENTON	223	24	17	7		17	76
BLACK HAWK	1,327	238	175	58	7	178	134
BOONE	264	32	21	10	1	22	63
BREMER	219	18	18	4		18	22
BUCHANAN	200	22	9	12	1	9	26
BUENA VISTA	206	9	5	4		5	24
BUTLER	164	13	7	6		7	43
CALHOUN	157	22	11	10	1	12	76
CARROLL	238	74	54	19	1	55	231
CASS	182	17	12	4	1	13	71
CEDAR	181	16	11	5		11	61
CLERK GORDO	508	64	53	8	3	56	119
CHESTER	182	22	15	5	2	17	93
CHICKASAW	150	17	14	3		14	94
CLARKE	77	3	1	2		2	13
CLAY	180	9	7	2		7	39
CLAYTON	200	18	12	6		12	65
CLINTON	572	62	43	13	1	49	36
CRAWFORD	148	16	11	5		11	56
DALLAS	235	53	34	19		34	145
DAVIS	88	4	2	2		2	23
DECATUR	87	11	7	4		7	80
DELAWARE	187	17	10	7		10	53

DES MOINES	463	29	19	10	3	19	41
DICKINSON	129	15	10	5		19	73
DURIQUE	925	106	78	25		30	86
EMMET	141	15	15		3	15	106
FAYETTE	288	33	21	10	2	22	76
FLOYD	210	15	14	5		14	67
FRANKLIN	136	8	6	6		6	14
FREMONT	98	25	19	2		19	142
GREENE	132	15	8	3		8	61
GRUNDY	142	14	11	3	1	11	77
GUTHRIE	129	12	10	1		11	86
HAMILTON	202	11	10	1		10	53
HANCOCK	139	8	5	3		5	36
HARDIN	227	23	12	11	1	12	93
HARMON	167	16	6	5	1	10	60
HENRY	183	12	8	4	1	9	49
HOWARD	132	8	2	2		6	45
HUMBOLDT	179	8	7	1		7	54
IDA	95	9	6	3		6	63
IOWA	164	17	8	9		8	49
JACKSON	205	19	12	7	1	12	59
JASPER	665	26	15	10		16	45
JEFFERSON	154	12	6	6	1	6	39
JOHNSON	597	140	97	35	8	103	123
JONES	204	27	16	9	2	17	83
KEOKUK	149	13	7	3		7	47
KEOKUK	243	13	6	7		6	75
KOSSUTH	448	29	17	11	1	18	40
LEE	1535	179	108	62	9	114	74
LOUISA	108	8	10	5	1	10	46
LUCAS	103	15	3	3		97	97
LYON	128	7	3	5	1	4	29
MADISON	122	13	8	3		3	66
MAHASKA	221	24	13	8		13	59
MARION	260	29	24	4	1	25	96
MARSHALL	386	32	54	26	2	147	147
MILLS	119	20	19	1		19	160
MILLS	128	14	11	1	2	13	34
MITCHELL	129	9	8	1		8	62
MONONA	129	14	13	1		13	137
MONROE	95	17	13	4		13	103
MONTGOMERY	127	20	15	5		15	43
MUSCATINE	361	13	10	3		10	54
MURPHY	186	13	8	1		8	92
MUSCATINE	37	9	59	3	2	61	313
MUSCATINE	195	69	3	3		3	21
MUSCATINE	140	6	3	3		3	40
MUSCATINE	247	10	10	2		10	44
MUSCATINE	135	8	6	2		6	100
MUSCATINE	2804	373	275	90	8	281	54
MUSCATINE	904	66	47	16	3	49	36
MUSCATINE	133	12	7	5		7	43
MUSCATINE	170	3	3	5		3	106
MUSCATINE	161	22	17	46	6	17	91
MUSCATINE	1313	167	115	3	1	119	50
MUSCATINE	161	11	7	7	8	8	49
MUSCATINE	765	20	13	7	1	13	74
MUSCATINE	529	71	51	19	2	52	204
MUSCATINE	206	25	16	5		16	137
MUSCATINE	94	24	17	1		17	120
MUSCATINE	131	19	18	1	5	18	147
MUSCATINE	62	12	11	23		11	43
MUSCATINE	470	112	34	4		34	73
MUSCATINE	215	9	5			5	

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
IOWA--Continued							
WASHINGTON	186	24	19	5		15	102
WAYNE	84	6	5	1		5	60
WEBSTER	480	45	28	11	1	29	60
WINNEBAGO	132	10	9	1		9	68
WINNESHIEK	201	11	7	4		7	35
WOODBURY	1,094	128	95	30	3	97	89
WORTH	85	6	4	2		4	47
WRIGHT	187	10	7	3		7	37
COUNTY NOT IDENT. OUT OF STATE RES.		10	1	9		1	
		58	58			58	
State totals	28,081	3,335	2,373	876	86	2,440	87
KANSAS							
ALLEN	243	16	10	3	3	12	74
ANDERSON	87	5	2	2		3	34
ATCHISON	197	25	21	4		21	107
BARBER	78	2	2			2	26
BARTON	348	23	18	5		18	52
BOURBON	168	8	6	1	1	7	42
BROWN	138	13	12	1		12	87
BUTLER	391	32	21	9	2	22	56
CHASE	37	2	2			2	54
CHAUTAUQUA	57	3	3	1		3	55
CHEROKEE	216	24	17	6	1	18	83
CHEYENNE	44						
CLARK	55	5	3	2		3	86
CLAY	102	1	1			1	10
CLOUD	142	12	10	2		10	70
COFFEY	79	4	3	1		3	38
COWANCHE	31	1		1			
COWLEY	360	40	26	9	5	30	23
CRAWFORD	386	9	8		1	9	
DECATUR	59	2		2			
DICKINSON	276	6	3	3		3	13
DONIPHAN	103	2	1	1		1	10
DOUGLAS	560	49	37	9	3	39	70
EDWARDS	50	5	4	1		4	80
ELK	50	1	1			1	20
ELLIS	223	20	15	4	1	15	72
ELLSWORTH	75	1	1			1	13
FINNEY	190	24	20	4		20	105
FORD	224	71	58	11	2	60	268
FRANKLIN	213	15	12	2	1	13	61
GEARY	256	28	20	8		20	78
GOVE	43						
GRAHAM	55	2	2			2	36
GRANT	61	5	5			5	82
GRAY	48	9	6	2	1	7	146
GREELEY	22	2	2			2	91
GREENWOOD	96	3	3			3	31
HAMILTON	32	1		1			
HARPER	89	3	2	1		2	22

HAEVEY	276	35	24	10	1	25	91
HASKELL	38	4	3	1		3	79
HODGEMAN	30	3	2	1		2	67
JACKSON	108						
JEFFERSON	117	8	5	3		5	43
JEWELL	70						
JOHNSON	2,080	106	66	37	3	66	33
KEARNY	31	1		1			
KINGMAN	103	6	4	2		4	39
KIOWA	45	4	4			4	89
LABETTE	266	25	19	6		19	71
LANE	31	1	1			1	32
LEAVENWORTH	494	58	48	7	3	51	103
LINCOLN	57	1	1			1	18
LINN	81	3	2			2	25
LOGAN	43	4	2	1	1	3	70
LYON	269	32	25	3		29	108
MCPHERSON	248	17	14	1	4	16	85
MARION	153	16	10	5	2	11	72
MARSHALL	153	8	4	4	1	4	26
MEADE	53	4	2	2		2	38
MIAMI	191	9	3	5	1	3	16
MITCHELL	96	6	4	2		4	42
MONTGOMERY	444	35	22	11	2	23	52
MORRIS	69	3	1	2		1	14
MORTON	39	3	2		1	3	77
NEMAHA	129	8	4	4		4	31
NEOSHO	191	26	24	1	1	25	131
NESS	57	7	5	1	1	6	105
NORTON	83	17	12	5		12	145
OSAGE	130	7	2	2		2	15
OSBORNE	69	1	1	1	2	3	44
OTTAWA	68	3	2			2	22
PAWNEE	92	2					
PHILLIPS	87	4		4			16
POTTAWATOMIE	124	5	2	3		2	60
PRATT	117	8	1	1		1	20
RAWLINS	50	2	1	1		1	54
RENO	646	41	32	6	3	35	44
REPUBLIC	91	6	4	2		4	31
RICE	131	7	3	2	2	35	83
RILEY	423	42	34	7	1	1	11
ROOKS	90	2	1	1		3	49
RUSH	61	4	3	1		2	18
RUSSELL	110	2	3			2	58
SALINE	502	35	27	6	2	29	
SCOTT	59	2		1			
SEDCWICK	3,491	579	413	131	35	440	126
SEWARD	168	20	17	2	1	18	167
SHAWNEE	1,534	254	189	53	12	198	129
SHERIDAN	42						
SHERMAN	75	4	4			4	53
SMITH	77						
STAFFORD	70	5	3	2		3	43
STANTON	26	1	1			1	38
STEVENS	44	2	2			2	45
SUMNER	252	31	24	5	2	26	103
THOMAS	75	6	5	1		5	67
TREGO	49	1	1			1	29
WABAUNSEE	66	7	5	2		5	76
WALLACE	24	2	1	2			
WASHINGTON	112	2					
WICHITA	33	2	2			2	61

State and county	Population (in hundreds)	Total	All licensed practical nurses		No answer	Estimated employed	
			Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
KANSAS—Continued							
WILSON	141	5	2	3		2	13
WOODSON	51	3	3			3	59
WYANDOTTE	1,975	330	272	43	15	285	144
COUNTY NOT IDENT. OUT OF STATE RES.		65	1	6		1	
			65			65	
State totals	22,931	2,422	1,801	503	118	1,897	83
KENTUCKY							
ADAIR	140	6	5	1		5	36
ALLEN	124	17	17			17	137
ANDERSON	92	3		3			
BALLARD	80	10	8			8	103
BARREN	293	65	48	15	2	50	171
BATH	87						
BELL	335	80	65	12	3	68	203
BOONE	272	15	10	5		11	50
BOURBON	126	31	23	7	1	24	129
BOYD	538	5	4	1		4	7
BOYLE	222	103	75	22	6	80	360
BRACKEN	70	1		1			
BREATHITT	143	6	1	5		1	7
BRECINRIDGE	148	1	1			1	7
BULFITT	200	8	3	5		3	15
BUTLER	92	3	2	1		2	22
CAMPBELL	895	55	46	8	1	47	53
CALDWELL	133	6	2	3		2	15
CALLOWAY	224	24	17	6	1	18	77
CARLISLE	53	1			1		
CARROLL	80	5	3	2		3	38
CARTER	204	1	1			1	5
CASEY	139	14	7	6	1	8	58
CHRISTIAN	588	74	55	15	4	58	99
CLARK	731	29	20	5	4	23	100
CLAY	206	3	2	1		2	10
CLINTON	86	6	5	1	1	6	23
CRITTENDEN	77	10	6	3	1	7	41
CUMBERLAND	73	5	4	1		4	59
DAVIES	804	93	72	18	3	74	92
EDMONSON	77	5	4	1		4	63
ELLIOTT	64	1	1			1	16
ESTILL	130	4	4			4	31
FAYETTE	1,629	341	239	77	25	258	153
FLEMING	112	4	4			4	36
FLOYD	377	68	55	10	3	58	104
FRANKLIN	344	46	37	7	2	39	113
FULTON	103	1		1			
GALLATIN	140	1		1			
GARRARD	93	14	9	4	1	10	106
GRANT	91	3	3			3	31
GRAVES	380	15	11	4		11	27
GRAYSON	159	5	3	2		3	17
GREEN	107	5	5			5	47

GREENUP	316	78	53	17	8	59	147
HARTCOCK	57	4	4	14	5	21	30
HARON	786	40	21	15	21	22	21
HARRIS	436	85	70	2	1	22	163
HARRISON	143	9	6	2	7	7	44
HART	128	9	7	2	1	2	2
HENDERSON	349	13	10	2	1	2	2
HENRY	103	7	5	2	1	5	46
HICKMAN	64	5	5	7	1	6	74
HOPKINS	391	67	59	7	1	80	163
JACKSON	98	3	657	3	31	923	181
JEFFERSON	6,739	829	12	14	13	13	30
JESSAMINE	146	15	37	3	7	43	241
JOHNSON	178	53	37	9	2	114	103
KENTON	1,250	139	109	24	6	12	48
KNOIT	171	14	10	1	3	2	22
KNOX	245	5	3	2	2	3	22
LAUREL	102	3	16	1	2	2	14
LAURENCE	117	2	2	1	1	1	1
LEE	69	5	3	2	2	2	1
LESLIE	192	51	41	7	3	2	24
LETCHER	766	1	1	1	1	1	109
LEWIS	131	41	32	8	1	33	389
LINCOLN	161	7	7	1	7	7	95
LIVINGSTON	73	21	30	1	5	20	91
LOGAN	220	4	66	11	7	70	26
LYON	56	82	2	2	1	15	115
MCCRACKEN	607	1	1	1	1	1	2
MCCREARY	123	10	5	2	3	7	24
MCLEAN	97	27	22	4	1	21	64
MADISON	392	2	1	1	1	20	30
MAGOFFIN	99	6	6	2	1	1	21
MARION	174	12	10	2	1	10	11
MARSHALL	183	3	12	1	2	14	14
MARTIN	96	16	13	1	2	15	83
MASON	181	3	2	1	1	10	10
MEADE	206	3	2	2	1	23	23
MENEFEE	41	5	2	2	2	31	200
MERCER	195	43	30	11	1	9	130
METCALFE	75	11	8	2	1	5	25
MONROE	111	6	4	1	1	6	34
MONICOMERY	146	6	4	1	1	10	10
MORGAN	101	1	1	1	1	13	13
MUHLENBERG	266	43	37	5	1	38	153
NELSON	230	6	2	4	2	9	42
NICHOLAS	64	3	3	1	1	12	99
OHIO	174	13	11	1	2	21	145
OLDHAM	145	30	20	8	1	1	13
OWEN	76	1	1	1	1	2	20
OWSLEY	48	3	2	1	2	37	113
PENDLETON	99	45	35	7	3	16	171
PERRY	313	97	77	19	3	109	109
POWELL	642	44	32	9	1	9	90
PULASKI	341	7	6	1	2	2	14
ROBERTSON	23	4	3	2	3	104	104
ROCKCASTLE	119	4	17	1	2	15	17
ROWAN	144	4	13	4	1	31	31
RUSSELL	105	26	17	7	2	2	2
SCOTT	173	19	13	4	1	1	1
SHULBY	195	6	3	2	1	1	1
SIMPSON	129	6	3	2	1	1	1

State and county	Population (in hundreds)	Total	All licensed practical nurses Employed	Not employed	No answer	Number (adjusted fig.)	Estimated employed Nurse:population ratio
KENTUCKY Continued							
SPENCER	54	1	1			1	1.4
TAYLOR	168	4	3			3	1.6
TODD	111	5	3		1	4	1.6
TRIGG	88	6	3			3	1.4
TRIMBLE	51	2	2			2	1.3
UNION	144	4	3			3	2.1
WARREN	507	47	36	10	1	27	7.3
WASHINGTON	111	7	6	1		6	1.4
WAYNE	146	5	3	2		3	2.1
WEBSTER	133	11	9	2	1	10	1.6
WHITLEY	249	23	18	4	1	19	1.7
WOLFE	60	4	1	5	3	11	1.1
WOODFORD	135	17	9	2	1	12	1.8
COUNTY NOT IDENT.		14	11			11	
OUT OF STATE RES.		165	165			165	8.1
State Totals	31,718	3,621	2,787	556	165	2,924	92
LOUISIANA							
ACADIA	519	59	52	7		52	100
ALLEN	207	21	16	5		16	77
ASCENSION	321	27	14	13		14	4.4
ASSUMPTION	188	32	22	10		22	117
AVOUELLES	378	23	20	3		20	53
BEAUREGARD	207	26	16	10		16	77
BREVILLE	156	25	22	3		22	14.4
BOSSIER	555	118	80	38		80	172
CADDO	2,453	697	588	103	6	593	242
CALCASIEU	1,708	391	316	75		316	185
CALDWELL	83	28	28	5		28	337
CAMERON	75	33	2	1		2	27
CATAHOULA	114	10	6	4		6	53
CLAIBORNE	164	23	17	5	1	18	110
CONCORDIA	244	15	9	3	3	11	45
DE SOULA	241	34	30	4		30	224
EAST BATON ROUGE	2,785	500	379	120	1	380	136
EAST CARROLL	134	7	7	6		7	52
EAST FELICIANA	208	26	20	6		20	96
EVANGELINE	319	65	49	16		49	154
FRANKLIN	243	24	21	3		21	86
GRANT	130	23	17	6		17	131
IBERIA	591	76	62	13		63	107
IBERVILLE	321	44	31	13		31	97
JACKSON	160	27	22	5		22	133
JEFFERSON	3,031	370	270	96	4	273	90
JEFFERSON DAVIS	320	39	30	9		30	64
LAFAYETTE	1,014	188	151	35	2	153	151
LAFOURCHE	637	58	43	15		43	68
LA SALLE	134	17	15	2	1	15	112
LINCOLN	307	59	54	4		55	179
LIVINGSTON	318	44	35	9		35	110
MADISON	158	8	5	3		5	32

WAREHOUSE	347	67	58	7	2	60	171
WATCHTOWNS	347	37	30	7		30	69
WATKINS	6,650	1,413	1,172	234	7	1,173	177
WATKINS	1,213	289	234	53	2	236	134
WATKINS	1,271	12	5	7		5	13
WATKINS	241	16	11	5		11	33
WATKINS	1,253	294	233	54	2	240	131
WATKINS	1,258	32	11	1		11	125
WATKINS	273	23	23	3		23	111
WATKINS	175	22	19	3		19	109
WATKINS	433	39	30	9		30	67
WATKINS	266	20	12	3		12	45
WATKINS	93	15	13	2		13	130
WATKINS	201	10	6	4		6	30
WATKINS	215	5	4	1		4	19
WATKINS	854	212	159	51	2	161	130
WATKINS	316	22	13	4		13	61
WATKINS	588	23	16	7		16	77
WATKINS	590	78	64	14		64	132
WATKINS	644	75	58	16	1	59	97
WATKINS	103	5	4	1		4	37
WATKINS	740	42	30	11	1	31	53
WATKINS	172	18	17	1		17	69
WATKINS	405	65	50	15	2	50	133
WATKINS	201	54	38	14	3	39	144
WATKINS	431	188	142	43		144	264
WATKINS	421	55	39	13	1	40	96
WATKINS	169	15	12	4		12	71
WATKINS	129	9	7	2		7	54
WATKINS	136	3	1	2		1	7
WATKINS	161	25	23	2	1	23	143
WATKINS		5	36	4		36	
State Totals	35,707	6,322	5,032	1,248	42	5,067	136

MAINE							
ANDROSCOGGIN	915	57	36	19	2	37	40
ARROSTOCK	1,048	141	88	48	5	91	87
CUMBERLAND	1,911	189	122	77	13	131	69
FRANKLIN	196	24	16	7	1	17	37
HANCOCK	315	46	26	18	2	27	25
KENNEBEC	925	123	101	22	5	105	112
KNOX	257	32	18	13	1	19	74
LINCOLN	182	14	5	9		5	21
OXFORD	437	31	19	11	1	20	36
PENOBSCOT	1,276	131	77	44	10	83	65
PISCATAQUIS	173	9	5	4		5	29
SAGadahoc	215	22	11	10	1	12	56
SOMERSET	413	51	30	10	3	32	77
WALDO	215	19	13	4	2	15	79
WASHINGTON	296	25	13	12		13	44
YORK	1,075	89	52	31	6	56	52
COUNTY NOT IDENT.		6	23	3	3	23	
OUT OF STATE RES.		23					
State totals	9,850	1,037	655	327	55	691	70

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed	
		Total	Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
MARYLAND							
ALLEGANY	889	41	27	14		27	30
ANNE ARUNDEL	2,716	337	217	115	5	220	81
BALTIMORE	5,919	115	80	35		80	14
BALTIMORE CITY	9,234	1,852	1,438	336	13	1,513	164
CALVERT	190	9	6	3		6	32
CAROLINE	207	15	9	6		9	43
CARROLL	639	311	227	83	1	228	357
CECIL	548	39	29	10		29	53
CHARLES	403	12	8	3	1	9	22
DORCHESTER	303	136	101	33	2	103	340
FREDERICK	853	49	27	20	2	28	33
GARRETT	230	10	6	3	1	7	30
HARFORD	1,025	63	40	23		40	39
HOWARD	522	42	30	12		30	57
KENT	157	6	5	1		5	32
MONTGOMERY	5,600	123	78	43	2	79	17
PRINCE GEORGES	5,845	257	142	108	7	146	25
QUEEN ANNES	113	6	3	3		3	17
ST. MARYS	430	25	15	10		15	35
SOMERSET	200	15	12	3		12	60
TALBOT	277	20	16	4		16	66
WASHINGTON	1,063	65	43	20	2	44	42
WICOMICO	151	58	42	15	1	43	78
WORCESTER	258	14	9	4	1	10	39
COUNTY NOT IDENT.		32	17	5	10	25	
OUT OF STATE RES.		338	338			338	
State totals	37,173	3,990	3,025	912	53	3,065	82
MASSACHUSETTS							
BARNSTABLE	821	309	148	91	70	191	233
BERKSHIRE	1,477	385	237	77	71	291	197
BRISTOL	4,241	1,725	1,062	322	341	1,324	312
DUKES	40	20	9	6	5	12	700
ESSEX	6,900	1,847	1,070	373	405	1,370	271
FRANKLIN	568	152	69	39	45	98	167
HAMPDEN	4,470	1,116	643	236	237	816	132
HAMPSHIRE	1,107	358	153	71	94	262	237
MIDDLESEX	13,232	2,960	1,586	650	714	2,092	158
NANTUCKET	41	18	9	2	1	15	366
NORFOLK	5,892	1,342	765	285	254	960	166
PLYMOUTH	3,158	1,103	612	247	244	786	250
SUFFOLK	6,963	2,620	1,411	351	246	2,056	270
WORCESTER	5,247	2,356	1,426	419	511	1,821	291
COUNTY NOT IDENT.		61	22	9	30	43	
OUT OF STATE RES.		270	270			270	
State totals	54,581	16,633	9,532	3,170	3,925	12,469	278

WICHITAN

ALCONA	56	4	1	2	10	71
ALGER	81	8	1	14	10	71
ALLEGAN	589	73	20	14	84	143
ALPENA	310	66	20	7	84	229
ANTRIM	91	12	4	2	14	154
ARENAC	94	9	6	2	10	106
BARAGA	75	12	6	1	13	106
BARRY	291	29	6	1	13	107
BAY	1,126	223	26	3	31	107
BENZIE	15	12	85	29	244	216
BERRIEN	15	12	2	2	14	179
BRAZIL	146	95	42	9	101	61
BRAZIL	386	45	23	9	51	147
CALHOUN	1,454	314	110	47	349	240
CASS	272	4	6	3	5	13
CHARLEVOIX	167	27	13	5	30	186
CHEBOYGAN	39	16	6	5	16	115
CHIPPewa	347	47	17	10	54	156
CLARE	123	23	5	1	24	166
CLINTON	440	39	26	8	24	189
CRAWFORD	53	11	7	1	44	100
DELTA	331	45	21	1	12	226
DICKINSON	235	65	20	9	51	154
FATON	559	65	24	4	68	289
EMMET	166	45	19	8	71	171
GENESEE	1,152	737	298	3	47	283
GLADWIN	101	7	4	117	320	188
GOGBEN	200	52	13	4	16	63
GRAND TRAVERSE	372	132	43	5	56	280
GRATIOT	351	63	12	19	148	382
HILLSDALE	345	40	16	12	72	189
HOUGHTON	323	30	21	7	45	130
HURON	341	23	9	4	32	98
INGHAM	2,407	335	142	2	24	70
IRON	450	30	12	58	377	157
JACKSON	37	21	14	4	35	73
JACKSON	145	19	11	2	22	101
KALAMAZOO	362	41	6	4	22	152
KALAMAZOO	1,396	126	38	2	43	119
KALAMAZOO	1,669	272	114	22	143	102
KALAMAZOO	47	2	114	35	297	159
KENT	4,000	636	346	81	2	43
KEWEENAW	22	4	2	688	172	172
LAKE	46	2	1	4	182	182
LAPEER	480	101	31	1	43	43
LEELANAU	96	10	6	15	112	233
LENAWEE	802	141	37	1	11	115
LIVINGSTON	446	162	37	12	120	120
LUCE	71	33	6	5	65	146
MACINAC	97	33	6	4	36	507
MACOMB	5,784	438	169	1	8	82
MANISTEE	194	106	44	53	476	82
MARQUETTE	620	183	69	5	49	253
MASON	215	19	7	13	134	134
MASON	227	29	8	7	6	6
MENOMINEE	231	33	4	31	31	11
MIDLAND	531	64	23	5	11	11
MISSAUIKEE	82	7	4	1	11	11
MONROE	1,115	92	33	1	11	11
MONTCALM	394	59	19	5	64	66
MONTMORENCY	43	3	1	4	4	15
MUSKOGON	1,595	165	51	36	193	121

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed		Nurse-population ratio
		Total	Employed	Not employed		Number (adjusted fig.)		
MICHIGAN—Continued								
NEWAYGO	254	21	16	4	1	17		67
OAKLAND	8,216	1,187	750	320	117	832		101
OCEANA	162	26	16	8	2	17		105
OGEMAW	91	29	18	8	3	20		220
ONTONAGON	107	23	14	8	1	15		140
OSCEOLA	143	35	22	9	4	25		175
OSCODA	38	8	3	3	2	4		105
OTSEGO	90	16	10	5	1	11		122
OTTAWA	1,133	306	214	75	19	228		201
PRESQUE ISLE	126	39	23	12	4	26		296
ROSCOMMON	76	11	5	6		5		66
SAGINAW	2,138	389	241	110	38	267		125
ST. CLAIR	1,132	135	122	45	18	135		119
ST. JOSEPH	37	23	18	10	4	26		59
SANILAC	335	37	18	17	2	19		57
SCHOOLCRAFT	72	14	14	10	7	18		231
SHIAWASSEE	590	103	71	22	10	79		134
TUSCOLA	459	51	31	16	4	34		74
VAN BUREN	532	88	57	22	9	63		18
WASHTENAW	2,040	355	248	79	28	269		132
WAYNE	27,138	4,848	3,476	822	550	3,921		144
WEXFORD	179	73	45	17	7	54		302
COUNTY NOT IDENT. OUT OF STATE RES.		23	11	9	3	13		
		83	83			83		
State Totals	85,108	16,122	10,781	3,773	1,563	11,948		140
MINNESOTA								
AITKIN	125	8	5	3		5		40
ANOKA	1,359	164	114	50		114		84
BECKER	254	35	28	5	2	30		118
BELTRAMI	230	20	14	6		14		61
BENTON	185	15	12	3		12		65
BIG STONE	82	12	11	2		11		134
BLUE EARTH	466	16	13	3		13		28
BROWN	286	126	104	21	1	105		367
CARLTON	285	32	21	10	1	22		77
CARVER	259	25	23	2		23		89
CASS	165	9	8	1		8		48
CHIPPEWA	156	24	19	4	1	20		128
CHISAGO	145	15	11	4		11		76
CLAY	416	40	29	11		29		70
CLEARWATER	79	15	11	4		11		139
COOK	36	3	2	1		2		53
COTTONWOOD	152	27	19	8		19		125
CROW WING	224	51	37	14		37		114
DAKOTA	1,145	152	115	37		115		100
DODGE	134	7	6	1		6		45
DOUGLAS	220	44	37	7		37		168
FARIBAULT	216	35	25	11		25		116
FILLMORE	199	32	22	10		22		111
FREEMORE	370	29	21	8		21		57
FREEDBORN	340	91	78	11	2	30		225
GOODHUE		18	11	7		11		176
GRANT		11	7	4		7		144
HENNING	9,063	1,493	1,190	274	79	1,212		

HOUSTON	13	12	2	12	55
HUBBARD	9	7	2	7	71
ISARTI	8	7	2	7	43
ITASCA	55	44	1	46	131
JACKSON	17	14	3	14	104
KANABEC	4	2	2	3	22
KANDIYOHI	105	85	1	86	284
KITTSO	5	3	2	3	42
KOOCHICHING	20	14	2	19	89
LAC QUI PARLE	10	7	3	7	58
LAKE OF THE WOOD	7	5	2	7	55
LE SUEUR	53	39	14	39	132
LINCOLN	5	5	5	5	194
LYON	22	38	13	39	51
N'CLEOD	62	55	1	56	176
MAHONMAN	6	4	1	4	215
MARSHALL	18	14	2	14	60
MARTIN	244	22	6	23	95
MEEKER	389	29	10	23	92
MILLE LACS	157	26	6	20	153
MORRISON	276	26	4	20	127
MOWER	475	3	4	39	141
MURRAY	140	74	13	76	160
N'COLLET	12	9	3	9	64
NOBLES	155	122	4	127	545
NORMAN	29	17	2	18	79
OLMSTED	109	13	1	13	119
OTTICK TAIL	688	139	11	208	302
PENNINGTON	61	46	15	46	94
PINE	119	30	9	32	269
PIPESTONE	5	9	7	9	54
POLK	21	14	14	14	108
POPE	108	81	27	81	234
RAMS, Y	23	15	4	19	234
RED LAKE	165	676	17	646	170
REDWOOD	13	12	1	12	144
RENVILLE	35	26	8	27	190
RICE	199	42	1	42	136
ROCK	209	93	1	93	201
ROSEAU	414	12	12	12	225
SCOTT	106	15	4	16	151
ST LOUIS	20	1	1	19	111
SHERBURNE	463	389	5	393	165
SIBLEY	44	10	1	34	112
SIBLEY	9	8	1	8	50
STEARNS	32	28	3	29	179
STEELE	136	123	2	125	135
STEVENS	37	9	9	28	100
SWIFT	51	26	1	27	233
TODD	142	17	2	19	134
TRAVERSE	20	18	2	18	75
WABASHA	72	1	1	5	69
WADENA	19	13	3	15	93
WASECA	127	22	5	22	173
WASHINGTON	156	10	4	10	64
WATONWAN	705	61	1	62	88
WILKIN	72	21	1	22	165
WINONA	131	25	4	21	206
WRIGHT	102	77	3	79	184
YELLOW MEDICINE	429	16	8	22	65
CCJNTY NOT IDENT.	340	22	7	17	115
OUT OF STATE RES.	148	17	6	93	
State totals	36,375	4,964	1,158	5,053	139

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Estimated employed Nurse-population ratio
MISSISSIPPI							
ADAMS	411	57	52	3	2	54	131
ALCORN	270	31	30	1		30	111
AMITE	147	6	4	2		4	27
ATTALA	226	23	23			23	102
BENTON	82	2	1	1		1	12
BOLIVAR	557	90	71	11	8	78	140
CALHOUN	553	18	15	3		15	98
CARROLL	105	4	3	1		3	29
CHICKASAW	184	28	27	1		27	147
CHOCTAW	81	3	2		1	3	37
CLAIBORNE	114	3	3			3	26
CLARKE	161	11	10	1		10	62
CLAY	196	15	15			15	77
COAHOMA	462	14	119	22	6	124	268
COPIAH	271	31	23	5	1	24	89
COVINGTON	143	30	25	5		25	175
DE SOTO	307	11	2	19	2	2	7
FORREST	587	141	114	19	8	121	206
FRANKLIN	89	7	7	4		7	79
GEORGE	117	28	24	4		24	202
GREENE	90	6	4		2	6	67
GRENADA	206	27	21	6		21	102
HANCOCK	332	30	23	6	1	24	132
HARRISON	1,425	249	193	46	10	201	141
HINDS	2,187	563	467	78	18	482	220
HOLMES	18	15	15	2	1	16	65
HUMPHREYS	194	15	13		2	15	77
ISSAQUEENA	17						
ITAWAMBA	154	4	4			4	24
JACKSON	743	195	142	44	9	149	201
JASPER	161	9	8		1	9	36
JEFFERSON	101	2	2			2	20
JEFFERSON DAVIS	333	11	8	2	1	5	65
JONES	586	174	148	21	5	152	259
KEMPER	114	8	7			8	70
LAFAYETTE	233	30	23	5	1	25	107
LAMAR	140	30	26	2	2	27	193
LAUDERDALE	745	250	208	35	7	214	288
LAWRENCE	98	13	10	1	2	12	122
LEAKE	174	10	8	2		8	46
LEE	442	38	37	10	1	38	85
LEFLORE	485	46	36	8	2	38	78
LINCOLN	272	27	24	1	2	26	96
LOWNDES	539	22	18	4		18	33
MADISON	336	70	17	3		17	51
MARION	276	42	30	11	1	31	131
MARSHALL	257	7	6			6	24
MONROE	348	26	21	3	2	23	55
MONTGOMERY	152	8	7			8	53
NESTOR	206	16	12	4	1	12	58
NEWTON	201	21	20	1		20	100
NOXUBEE	168	14	11	3		11	65
OKTIBBEHA	292	21	19	2		18	62
PANOLA	291	24	21			22	76

PEARL RIVER	300	35	27	8	27	98
PERRY	91	9	3	1	8	88
PIKE	346	55	43	11	44	127
PONTOTOC	173	20	20	7	20	116
PRENTISS	205	25	22	3	22	107
QUITMAN	203	22	16	6	16	79
RANKIN	417	86	72	6	77	185
SCOTT	219	14	10	3	11	50
SHARKEY	107	5	3	1	4	37
SIMPSON	204	52	40	10	42	206
SMITH	143	7	7	7	49	159
STONE	87	16	12	3	13	56
SUNFLOWER	447	27	23	7	25	72
TALLAHATCHIE	223	17	16	1	16	114
TATE	203	203		3		99
TIPPAH	166	22	19	7	9	23
TISHOMINGO	22	22	15	3	15	60
TUNICA	151	4	4	1	4	144
UNION	177	12	10	3	11	127
WALTHALL	184	23	19	2	20	96
WARREN	139	150	121	13	104	73
WASHINGTON	470	118	99	15	16	63
WAYNE	817	18	15	2	17	131
WEBSTER	166	15	11	3	31	96
WEBSTER	107	9	8	3	9	112
WILKINSON	123	15	10	3	12	73
WINSTON	189	15	15	3	17	63
YALOBUSHA	130	21	29	7	31	131
YAZOO	322	38	4	4	4	96
COUNTY NOT IDENT.	8	35	35	533	3,029	130
OUT OF STATE RES.	35					
State Totals	23,331	3,579	2,912	533	134	130
MISSOURI						
ADAIR	197	61	50	11	50	254
ANDREW	115	19	15	4	15	130
ATCHISON	84	3	2	1	2	24
AUDRAIN	260	80	71	8	72	277
BARRY	182	25	19	6	19	104
BARTON	101	23	18	1	19	188
BATES	155	32	29	2	30	194
BENTON	91	12	7	4	8	88
BOLLINGER	83	4	3	1	3	36
BOONE	648	155	135	16	139	215
BUCHANAN	124	892	97	16	105	119
BUTLER	339	132	113	13	118	348
CALDWELL	80	7	5	2	5	83
CALLAWAY	261	53	45	9	48	184
CAMDEN	107	5	4	1	4	37
CAPE GIRARDEAU	484	67	46	19	47	97
CARROLL	123	18	15	2	16	130
CARTER	44					
CASS	413	38	32	5	33	80
CEDAR	92	16	11	4	12	130
CHARITON	108	8	7	1	7	65
CHRISTIAN	132	12	8	4	8	61
CLARK	80	3	2		3	38
CLAY	1,097	121	95	22	98	89
CLINTON	117	17	13	3	14	120
COLE	450	77	64	6	70	155
COOPER	160	17	11	2	14	88
CRAWFORD	130	6	4	2	4	21

State and county	Population (in hundreds)	Total	All licensed practical nurses			Estimated employed	
			Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
MISSOURI—Continued							
DADE	67	10	8	1	1	9	134
DALLAS	92	4	3	1		3	33
DAVISS	78	8	5	2	1	6	77
DE KALB	68	9	6	3		6	88
DENT	101	9	7	1	1	8	79
DOUGLAS	92	1		1			
DUNKLIN	346	64	52	11	1	53	153
FRANKLIN	524	48	32	13	3	34	65
GASCONADE	114	7	6	1		6	53
GENTRY	77	7	6		1	7	91
GREENE	1,404	324	253	57	14	264	188
GRUNDY	120	30	24	5	1	25	208
HARRISON	99	15	12	3		12	121
HENRY	182	36	30	5	1	31	170
HICKORY	42	6	3	3		3	71
HOLT	68	5	3	1	1	4	59
HOWARD	104	23	23			23	221
HOWELL	228	15	10	4	1	11	48
IRON	83	18	15	1	2	17	205
JACKSON	6,603	1,280	1,034	180	66	1,090	165
JASPER	810	235	193	9	12	203	251
JEFFERSON	888	68	56	9	3	59	66
JOHNSON	294	72	58	11	3	61	207
KNOX	53	10	9		1	10	172
LACLEDE	183	22	19	1	2	24	115
LAFAYETTE	253	22	18	4		18	68
LAWRENCE	236	93	86	6	1	87	369
LEWIS	102	4	1	1	2	2	20
LINCOLN	165	28	25	2	1	26	158
LINN	166	26	24	1	1	25	151
LIVINGSTON	159	23	19	4		19	119
MCDONALD	115	10	6	3	1	7	61
MACON	151	22	16	4	2	18	119
MADISON	93	29	22	3	4	26	280
MARIES	78	1	1			1	13
MARION	285	75	54	17	8	60	211
MERCER	50	11	8	2	1	9	180
MILLER	146	10	9	1		9	62
MISSISSIPPI	187	3	4	3	1	5	27
MONITEAU	105	7	6	1		6	57
MONROE	103	7	6	1		6	58
MONTGOMERY	107	20	12	5	3	14	131
MORGAN	91	4	3	1		3	33
NEW MADRID	291	8	6	2		6	21
NEWTON	304	43	31	11	1	32	105
NODAWAY	219	26	18	7	1	19	87
OREGON	89	7	4	2	1	5	56
OSAGE	104	2	1		1	2	19
OZARK	64	1		1			
PENISSCOT	333	21	16	4	1	17	51
PERRY	144	18	12	6		12	83
PETTIS	342	2	2			2	6
PHILPS	256	20	12	7	1	13	49
PIKE	157	27	21	3	3	24	153

PLATTE	291	8	6	2	1	6	21
POLK	136	14	11	2	1	12	92
PULAKSI	444	25	19	5	1	20	45
PUTNAM	57	4	4	5	1	5	89
RALLS	81	13	9	3	1	10	123
RANDOLPH	210	45	34	8	3	36	171
RAY	167	18	17	1	1	17	102
REYNOLDS	31	2	10	1	1	10	106
RIPLEY	94	10	41	8	3	44	57
ST CHARLES	772	52	9	9	3	9	118
ST CLAIR	76	5	79	11	4	83	216
ST FRANCOIS	384	94	187	40	12	197	22
ST LOUIS	8,873	239	2,293	275	129	2,408	348
ST LOUIS CITY	6,919	2,697	2	2	1	9	73
STE GENEVIEVE	124	23	15	6	2	16	63
SALINE	255	23	4	1	2	4	87
SCHUYLER	46	4	35	1	5	40	123
SCOTLAND	54	1	2	2	2	2	24
SCOTT	325	42	1	1	1	1	72
SHANNON	69	1	2	4	1	19	37
SHELBY	82	6	18	9	3	14	187
STODDARD	263	28	3	1	2	16	160
STONE	82	4	14	2	5	13	74
SULLIVAN	75	14	13	2	13	78	396
TANEY	100	16	74	2	2	9	98
TEXAS	175	15	9	1	10	75	37
VERNON	197	92	9	7	17	124	58
WARREN	92	11	2	3	1	8	292
WASHINGTON	134	11	292	1	6	6	149
WAYNE	81	10	3	1	379	6,819	149
WEBSTER	137	24	17	7	1	8	58
WORTH	32	11	7	3	6	292	149
WRIGHT	137	9	2	1	6	6	149
COUNTY NOT IDENT.		292					
OUT OF STATE RES.							
State totals	45,675	7,901	6,490	1,032	379	6,819	149

MONTANA							
BEAVERHEAD	78	7	6	1	6	6	77
BIG HORN	112	14	8	6	8	8	71
BLAINE	78	8	6	2	6	6	77
BROADWATER	27	2	2	2	2	2	74
CARBON	79	7	5	2	5	5	63
CARTER	23	2	2	2	2	2	87
CASCADE	865	109	80	28	1	81	94
CHOUTEAU	71	5	3	2	3	3	42
CUSTER	163	9	6	3	6	6	37
DANIELS	36						
DAWSON	129	4	3	1	3	3	23
DEER LODGE	137	34	29	5	29	29	155
FALLON	45	4	4	4	4	4	89
FERGUS	145	26	19	7	19	19	131
FLATHEAD	342	50	37	13	37	37	105
GALLATIN	279	37	22	14	23	23	82
GARFIELD	21						
GLACIER	134	21	15	6	15	15	112
GOLDEN VALLEY	12	2	2	2	2	2	167
GRANITE	29	5	3	2	3	3	103
HILL	194	35	28	7	28	28	152
JEFFERSON	56	5	4	1	4	4	71
JUDITH BASIN	29	2		2			

MONTANA—Continued							
LAKE	142	16	11	5		11	77
LEWIS AND CLARK	320	39	31	8		31	97
LIBERTY	26	2		2			
LINCOLN	142	5		5			
MCCONE	33						
MADISON	49	3	2	1		2	41
MEAGHER	26	4	2	2		2	77
MINERAL	34	3	1	2		1	29
MISSOULA	496	101	81	20		81	163
MUSSELSHELL	44	2	2			2	45
PARK	123	13	8	5		8	65
PETROLEUM	9						
PHILLIPS	59	2	1	1		1	17
PONDERA	80	3	2	1		2	25
POWDER RIVER	25	1	1			1	40
POWELL	76	8	6	2		6	79
PRAIRIE	22	3	3			3	136
RAVALLI	130	19	14	4	1	15	115
RICHLAND	109	9	7	2		7	94
ROOSEVELT	171	13	9	4		9	74
ROSEBUD	60	5	1	4		1	17
SANDERS	70	6	4	2		4	57
SHERIDAN	65	3	2	1		2	31
SILVER BOW	474	40	28	12		28	59
STILLWATER	51	7	4	3		4	78
SWEET GRASS	30	3	3			3	100
TETON	71	2	1	1		1	14
TOOLE	75	11	7	4		7	93
TREASURE	13						
VALLEY	218	6	2	4		2	9
WHEATLAND	78						
WIBAUX	17						
YELLOWSTONE	876	83	60	22	1	61	70
COUNTY NOT IDENT.		2	10	2		10	
OUT OF STATE RES.		10					
State totals	7,248	812	587	221	4	591	82
NEBRASKA							
ADAMS	296	30	26	4		26	88
ANTELOPE	88	4	1	3		1	11
ARTHUR	7						
BANNER	13						
BLAINE	10	2	2	2		2	25
BOONE	81	4					
BOX BUTTE	110	40	31	9		31	282
BOYD	41						
BROWN	44	9	6	2	1	7	159
BUFFALO	275	64	51	13		51	185
BURT	91	5	2	3		2	22
BUTLER	93	3	1	1	1	2	27
CASS	171	12	8	3		9	53
CEDAR	130	3	1	2		1	8

CHASE	40	2	1	1	25
CHERRY	81	7	7	7	86
CHEYENNE	137	16	4	12	88
CLAY	85	2	1	1	12
COLFAX	91			11	92
CUMING	119	17	6	4	27
CUSTER	149	7	3	5	42
DAKOTA	118	8	2	10	111
DAWES	90	16	6	15	75
DAWSON	200	21	9		
DEUEL	28				
DIXON	80			11	30
DODGE	364	16	4	433	113
DOUGLAS	3,908	556	110	4	143
DUNDY	28	7	3	7	76
FILLMORE	92	3	1	3	64
FRANKLIN	47	6	3	3	29
FRONTIER	35	3	2	1	82
FURNAS	73	7	6	6	66
GAGE	258	23	17	17	63
GARDEN	32	4	2	2	
GARFIELD	26				
GOSPEL	22				
GRANT	9				
GR'ELEY	42	3		3	71
HALL	400	48	37	37	93
HAMILTON	86	10	6	6	70
HARLAN	41	2	2	2	49
HAYES	18				
HITCHCOCK	43	2		2	47
HOLT	132	5		5	38
HOCKER	12	2		2	167
HOWARD	63	4		4	48
JEFERSON	105	1		1	10
JOHNSON	60	1		1	17
KEARNEY	66	7		7	106
KELTH	81	16		11	136
KEYA PAHA	14	2		1	71
KIMBALL	81	7		6	74
KNOX	128	9		8	63
LANCASTER	1,781	166		133	75
LINCOLN	290	38		28	97
LOGAN	11				
LOUP	11				
MCPHERSON	7	1		1	143
MADISON	264	17		13	49
MERRICK	81	3		2	25
MORRILL	62	4		3	48
NANCE	53	2		2	38
NEMAHA	82	6		4	49
NUCKOLLS	77	5		5	65
OTOE	164	18		12	73
PAWNEE	46				
PERAINES	37	5		4	108
PELPHS	97	19		7	72
PIERCE	86	1		1	12
PLATTE	263	13		11	42
POLK	68	1		1	15
REDWILLOW	130	9		8	62
RICHARDSON	121	10		8	66
ROCK	23				
SALINE	128	9		9	70
SARPY	557	35		21	38

NEBRASKA—Continued

State and county	Population (in hundreds)	Total	Employed	Not employed	No. answer	Estimated employed Number (adjusted fig.)	Nurse-population ratio
SAUNDERS	175	6	5	1		5	29
SCOTT'S BLUFF	345	47	38	8	1	39	11.3
SEWARD	140	11	9	2		9	64
SHERIDAN	80	7	2	5		2	75
SHERMAN	47	1	1			1	21
SIoux	25						
STANTON	50						
THAYER	82	2	1	1		1	12
THOMAS	9	1		1			
THURSTON	68	9	7	2		7	103
VALLEY	61	6	5		1	6	96
WASHINGTON	126	5	2	3		2	19
WAYNE	95						
WEBSTER	57	3	3			3	53
WHEELER	12						
YORK	140	11	4	7	1	4	29
COUNTY NOT IDENT. OUT OF STATE RES.		8		7			
		33	33			33	
State totals	14,885	1,528	1,144	348	36	1,172	79

NEVADA

CHURCHILL	111	34	22	12		22	198
CLARK	2,563	344	230	108	6	234	91
DOUGLAS	58	6		6			
ELKO	152	46	38	7	1	39	275
ESMERALDA	3						
EUREKA	8	2		2			
HUMBOLDT	73	12	7	5		7	96
LANDER	21	5	4	1		4	190
LINCOLN	26	4	1	3		1	38
LYON	85	21	17	4		17	200
MINERAL	78	24	14	9	1	15	192
NYE	56	11	5	6		5	89
ORMSBY	152	16	9	7		9	59
PERSHING	31	6	6			6	194
STOREY	6	1		1			
WASHOE	1,285	239	169	67	3	171	136
WHITE PINE	107	17	12	5		12	112
COUNTY NOT IDENT. OUT OF STATE RES.		9	1	3	1	1	
		9	9			9	
State totals	4,775	802	544	246	12	552	116

NEW HAMPSHIRE

BELKNAP	302	73	46	21	6	50	166
CARROLL	159	40	27	10	3	29	182
CHESHIRE	465	86	59	30	6	54	116
COOS	346	42	31	13	4	34	98
GRAFTON	505	158	108	45	5	112	222
HILLSBOROUGH	2,037	398	258	105	39	283	199
MERRIMACK	741	155	104	43	8	110	148

ROCKINGHAM	1,197	223	122	71	30	141	118
STRAFFORD	670	93	58	27	6	62	62
SULLIVAN	288	77	49	22	6	53	182
COUNTY NOT IDENT.		8	2	1	5	7	
OUT OF STATE RES.		77	77				
State totals	6,710	1,436	932	388	116	1,611	151

NEW JERSEY

ATLANTIC	1,716	481	347	91	43	381	215
BERGEN	8,989	958	585	299	74	634	71
BURLINGTON	3,009	345	226	84	35	252	82
CAMDEN	4,565	519	378	108	33	461	88
CAPE MAY	538	116	79	33	5	82	182
CUMBERLAND	1,225	219	153	49	17	160	136
ESSEX	9,864	2,028	1,516	341	171	1,656	168
GLOUCESTER	1,578	212	139	58	15	150	98
HUDSON	6,113	566	385	126	55	426	70
HUNTERDON	640	100	58	43	7	62	67
MERCER	3,052	495	371	94	30	395	129
MIDDLESEX	5,578	695	407	220	58	441	442
MONMOUTH	4,268	689	448	188	53	485	80
MORRIS	3,481	770	484	223	48	516	114
OCEAN	1,566	461	210	122	29	228	148
PASSAIC	4,590	732	490	184	60	532	116
SALEM	641	149	112	32	5	116	181
SOMERSET	1,922	299	191	91	17	203	106
SUSSEX	639	111	66	36	9	72	113
UNION	5,461	845	551	225	68	595	106
WARREN	720	133	66	61	6	69	96
COUNTY NOT IDENT.		132	79	42	11	86	
OUT OF STATE RES.		123	123			123	
State totals	70,415	11,086	7,464	2,776	856	8,081	115

NEW MEXICO

BERNALILLO	3,245	471	336	110	25	355	109
CATRON	24				4	31	49
CHAVES	635	43	28	11		6	47
COLFAX	128	10	6	4		29	79
CURRY	367	39	29	10		4	150
DE BACA	25	4	4		8	43	57
DONA ANA	748	61	37	16	11	108	201
EDDY	536	127	99	17	3	27	139
GRANT	194	35	25	7		5	31
GUADALUPE	55	5	5				
HARDING	18	1		1			
HIDALGO	50	4	3	1		3	60
LEA	565	75	51	16	8	57	101
LINCOLN	85	89	71	11	7	77	906
LOS ALAMOS	156	1		1			
LUNA	115	13	10	3		10	96
MCKINLEY	431	80	75	4	1	76	176
MORA	59						
OTERO	350	35	12	20	3	12	37
QUAY	130	12	11		1	12	92
RIO ARriba	261	23	22	1		12	84
ROOSEVELT	172	18	11	4	3	13	76
SANDOVAL	160	15	12	3		12	45
SAN JUAN	484	31	19	9	3	21	42

NEW MEXICO—Continued

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Estimated employed nurses: population ratio
SAN MIGUEL	230	62	51	7	4	55	239
SANTA FE	520	129	96	24	7	104	200
SIERRA	70	10	6	4		6	86
SOCORRO	107	9	6	1	2	8	75
TAOS	180	9	5	3	1	6	33
TORRANCE	60	3	2	1		2	33
UNION	50	7	6	1		6	120
VALENCIA	385	28	17	10	1	18	47
COUNTY NOT IDENT. OUT OF STATE RES.		9	57	7		2	
		57				57	
State totals	10,598	1,515	1,116	307	92	1,188	112

NEW YORK

ALEANY	2,949	544	366	190	8	371	126
ALLEGANY	452	143	90	53		90	199
BRONX	15,126	3,128	2,525	529	54	2,570	170
BROOME	2,250	582	383	194	5	386	172
CATTARAUGUS	830	274	170	99	5	173	208
CAYUGA	782	228	157	69	2	158	202
CHAUTAUQUA	1,539	479	296	177	6	300	195
CHEMUNG	1,044	161	104	55	2	105	101
CHENANGO	475	139	80	56	3	82	173
CLINTON	825	129	84	43	2	85	103
COLUMBIA	530	139	85	51	3	87	164
CORTLAND	445	120	69	50	1	70	157
DELAWARE	476	98	53	45	1	53	111
DUTCHESS	2,130	465	289	168	8	294	134
ERIE	10,922	1,817	1,308	489	3	1,342	133
ESSEX	361	101	61	38	2	62	134
FRANKLIN	447	137	85	47	1	92	197
FULTON	523	172	53	19	3	56	101
GENESEE	597	188	108	57	3	115	141
GREENE	334	89	47	41	1	43	144
HAMILTON	47	8	3	5		3	64
HERKIMER	699	152	109	43		109	156
JEFFERSON	912	282	204	77	1	205	225
KINGS	26,557	4,270	3,389	830	51	3,430	129
LEWIS	252	66	44	17	2	48	194
LIVINGSTON	496	118	64	52	3	65	131
MADISON	605	195	88	67	3	92	149
MONROE	6,683	1,337	870	499	18	831	125
MONTGOMERY	551	124	83	36	3	85	154
NASSAU	14,592	1,563	1,039	515	14	1,048	77
NEW YORK CO	16,260	3,349	2,673	628	40	2,712	167
NIAGARA	2,385	570	431	133	6	435	183
ONEIDA	2,836	766	507	245	8	512	181
ONONDAGA	4,726	873	562	302	9	563	20
ONTARIO	4,754	324	202	116	6	206	73
ORANGE	2,122	477	303	172	2	307	123
ORLEANS	388	74	46	23		46	119
OSWEGO	962	239	139	58	2	143	146
OTSEGO	554	165	120	53	2	111	230

PUTNAM	37	56	31	44	56	118
QUEENS	3,006	2,333	705	119	2,370	119
WENSLAER	337	231	102	4	234	150
RICHMOND	569	381	126	12	369	143
ROCKLAND	2,079	219	107	6	293	107
ST. LAWRENCE	225	144	61		144	122
SARATOGA	253	129	122	2	140	124
SCHENECTADY	427	284	163	6	292	186
SCHOHARIE	69	34	34	1	35	151
SCHUYLER	144	27	17		17	152
SENECA	341	103	48		103	162
STEBUEN	1,076	97	60		97	302
SUFFOLK	10,177	1,055	504	22	1,070	95
SULLIVAN	497	57	40	2	58	105
TIOGA	453	22	22	41	41	118
TOWNSHIP	171	107	62	2	106	91
ULSTER	1,342	142	101	3	144	147
WAHREN	166	162	81	1	165	104
WASHINGTON	547	188	80	5	191	212
WAYNE	95	139	89		139	166
WESTCHESTER	8,891	1,636	407	26	1,228	184
WYOMING	376	36	22		36	138
YATES	62	36	25	1	37	96
COUNTY NOT IDENT.	43	29	7	7	35	190
OUT OF STATE RES.	643	643			643	
State Totals	34 850	24 961	5,136	653	25 293	139

NORTH CAROLINA

ALAMANCE	946	149	133	14	135	141
ALEXANDER	175	8	8	2	8	47
ALLEGHANY	61	9	5		6	74
ANSON	240	23	18	1	19	79
ASHE	201	3	3		3	15
AVERY	116	76	48	2	49	422
BEAUFORT	361	98	68	3	70	194
BERTIE	237	16	12		12	51
BLEDEN	259	13	11	2	11	42
BUNCOMBE	215	16	11		11	42
BURKE	1,433	345	111	6	14	86
BURKE	589	93	77	6	283	197
CABARRUS	729	61	47	6	77	131
CALDWELL	555	83	66	4	50	69
CAMDEN	53	18	14	2	68	123
CARTERET	365	27	19	1	14	264
CASWELL	179	8	3	3	20	55
CATAWBA	243	22	19	2	5	28
CHATHAM	290	23	17	1	17	23
CHEROKEE	161	13	12		17	59
CHOWAN	118	15	12	1	13	75
CLAY	54	3	2		2	37
CLEVELAND	705	131	103	1	104	148
COLUMBUS	488	10	6		6	12
GRAVEN	659	69	55	1	56	85
CUMBERLAND	1,865	175	111	10	118	118
CURRITUCK	70	17	11		11	157
DARE	66	4	1	3	1	15
DAVIDSON	927	81	66	3	60	74
DAVIE	333	34	29	1	30	164
DUPLIN	374	50	42	1	43	115
DURHAM	1,246	795	701	20	719	577
EDGECOMBE	570	29	21	8	21	37

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed	
		Total	Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
NORTH CAROLINA—Continued							
FORSYTH	2 145	294	232	52	9	240	10.9
FRANKLIN	33		31	2		31	1.1
GASTON	1,389	111	91	17	3	91	68
GATES	96	5	2	3		2	2.1
GRAHAM	65						
GRANVILLE	354	63	52	8	3	55	155
GREENE	159	6	5	1		5	30
GUILFORD	2,267	299	238	48	13	229	90
HALEFAX	613	42	33	5	4	35	53
HARNETT	294	57	43	7	1	50	101
HAYWOOD	412	94	78	13	3	81	197
HENDERSON	401	70	49	17	4	52	130
HERTFORD	251	25	20	4	1	21	84
HOKE	177	27	21	6		21	119
HYDE	54	4		4			
JERDELL	687	33	26	6	1	27	34
JACKSON	177	23	17	3	3	20	113
JOHNSTON	603	66	56	9	1	57	95
JONES	100						
LEE	300	76	63	12	1	64	213
LENOIR	909	22	67	11	4	70	115
LINCOLN	311	15	9	6		9	29
MCDOWELL	232	30	21	8	1	22	78
MACON	146	8	4	3	1	5	34
MADISON	153	6	4	2		4	26
MARTIN	282	19	16	2	1	17	67
MECKLENBURG	3,173	430	349	62	19	365	103
MITCHELL	121	8	8	10		8	61
MONTGOMERY	199	2	1	1		1	5
MOORE	401	85	67	13	3	77	125
NASH	658	34	61	14		62	94
NEW HANOVER	793	94	78	13	3	81	102
NORTHAMPTON	254	11	7	3	1	8	30
ONSLOW	1,011	56	30	20	8	35	35
ORANGE	493	116	99	16	1	100	203
PAMLICO	67	2		1	1		
PASQUOTANK	260	93	74	18	1	75	279
PERDER	170	13	11	2		11	65
PERQUIMANS	85	17	14	3		14	165
PERSON	281	34	27	7		27	96
PITT	751	92	63	14	5	67	89
POLK	116	19	18	1		18	164
RANDOLPH	709	82	63	17	2	65	62
RICHMOND	397	53	41	11	1	42	197
ROBERTSON	903	49	39	5	1	40	44
ROCKINGHAM	720	49	39	8	2	41	57
ROWAN	873	75	55	18	2	57	65
RUTHERFORD	462	25	15	4	2	21	46
SAMPSON	480	21	15	5	1	16	33
SCOTLAND	270	42	32	8	2	34	126
STANLY	217	39	27	12		27	62
STOKES	268	14	11	3		11	46
SURRY	506	21	23	7	1	24	67
WAIN	85	19	10	6		19	114

TRANSYLVANIA	145	14	4	7	3	5	27
TYFRELL	43						
UNION	266	57	52	3	2	54	109
VANCE	340	53	44			46	135
WAKE	2,070	205	228	58	9	235	114
WARREN	141	14	11		1	12	66
WASHINGTON	141	11	8	3		8	57
WATAUGA	147	30	21	9		21	112
WAYNE	348	253	180	63	10	187	147
WILKES	477	6	6	3		6	13
WILSON	605	81	68	9	4	72	119
YADKIN	244	25	17	7	1	18	74
YANCEY	129	9	9			9	70
COUNTY NOT IDENT.		22	16	6		16	
OUT OF STATE RES.		71	71			71	
State Totals	49,938	6,593	5,229	1,153	211	5,407	198

NORTH DAKOTA							
ADAMS	41	8	6	2		6	146
BARNES	185	22	20	2		20	108
BENSON	46	12	9	3		9	105
BILLINGS	13						
BOTTINEAU	102	7	6	1		6	59
BOWMAN	42	5	5			5	119
BURKE	54	2	2			2	37
BURLEIGH	373	65	54	11		54	145
CASS	712	119	102	17		102	143
CAVALIER	80	3	2	1		2	25
DICKENS	73	5	4	1		4	55
DIVIDE	47	4	2	2		2	43
DUNN	50	2					
EDDY	44	2	2			2	45
EMMONS	70	4	3	1		3	43
FOSTER	54	2	2			2	37
GOLDEN VALLEY	27	5	2	3		2	74
GRAND FORK	607	67	48	19		48	79
GRANT	52	7	5	2		5	81
GRIGGS	45	1	1			1	27
HETTINGER	49	3		3			
KIDDER	49	1		1			
LA MOURE	79	6	3	3		3	38
LOGAN	46	1	1			1	27
MCHEATH	98	5	3	2		3	31
MCINTOSH	64	12	12			12	138
MCKENZIE	65	4	3	1		3	44
MCLEAN	130	7	5	1		5	37
MERCER	71	6	4	1		4	70
MORTON	216	13	11	2		11	51
MOUNTRAIL	43	6	4	2		4	43
NELSON	71	5	3	2		3	42
OLIVER	21	1	1			1	48
PEMBINA	114	12	10	2		10	88
PIERCE	62	21	14	7		14	276
RAMSEY	127	33	28	5		28	220
RANSOM	173	3	2	1		2	27
RENVILLE	52						
RICHLAND	188	20	13	7		13	69
ROLETTE	123	14	10	4		10	81
SARGENT	63	3	1	1		1	16
SHERIDAN	28	2	1	1		1	36
SHOUX	56	3	2	1		2	

NORTH DAKOTA—Continued

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Estimated employed Number (adjusted fig.)	Nurse-population ratio
SLOPE	13	70	55	14		56	293
STARK	191	5	4	1	1	4	103
STEELE	39	22	18	4		18	73
STUTSMAN	245	3	1	1		1	21
TOWNER	48	6	5	1		5	41
TRAIL	121	17	14	3		14	77
WALSH	183	41	27	13	1	28	49
WARD	569	5	4	1		4	42
WELLS	96	35	32	3		32	127
WILLIAMS	251	6	4	2		4	
COUNTY NOT IDENT.		33	33			33	
COUNTY OF STATE R.S.							
State Totals	6,470	766	603	160	3	606	94

OHIO

ADAMS	205	36	29	7	4	29	141
ALLEN	1,138	244	194	46		197	173
ASHLAND	419	36	28	8	3	28	57
ASHTABULA	1,014	93	66	24	3	68	67
ATHENS	554	95	86	8	1	87	157
AUGLAIZE	380	75	53	21	1	54	142
BELMONT	799	87	65	22		65	81
BROWN	253	19	13	5	1	14	55
BUTLER	2,268	324	256	58	10	264	116
CARROL	211	13	9	4		9	43
CHAMPAIGN	324	52	41	11		41	127
CLARK	1,445	331	262	62	7	268	185
CLERMONT	952	55	42	11	2	44	44
CLINTON	315	38	29	9		29	87
COLUMBIANA	1,071	163	127	35	1	128	119
COSHOCTON	336	29	23	5	1	24	71
CRAWFORD	523	75	54	18	3	56	107
CUYAHOGA	17,465	3,942	3,130	631	81	3,197	183
DARKE	482	20	16	4		16	33
DEFIANCE	351	56	47	9		47	134
DELAWARE	398	49	35	12	1	37	93
ERIE	777	196	154	39	2	156	201
FAIRFIELD	725	59	46	12	1	47	65
FAYETTE	260	23	18	4	1	19	73
FRANKLIN	8,026	1,032	800	205	27	821	102
FULTON	294	92	73	17	2	75	255
GALLIA	771	24	18	5	1	19	70
GAUGA	612	67	52	13	2	54	88
GREENE	1,175	108	82	17	3	91	77
GUERNSEY	380	82	73	9		73	192
HAMILTON	9,385	2,105	1,737	314	54	1,783	190
HANCOCK	606	62	51	9	2	53	132
HARDIN	304	51	38	11	2	40	58
HARRISON	172	11	10	1		10	135
HENRY	267	45	36	9	1	36	63
HIGHLAND	303	22	18	3		19	124
HOCKING	201	32	23	7	2	25	

HOLMES	213	28	22	6	1	22	101
HURON	515	68	79	18		80	155
JACKSON	296	27	15	3		19	64
JEFFERSON	1,003	70	53	16	1	54	54
KNOX	1,407	113	91	18	4	94	231
LAKE	1,919	261	202	54	5	206	107
LAWRENCE	1,506	81	52	14	1	53	39
LICKING	1,047	93	77	16	5	81	77
LOGAN	1,358	59	45	3	2	47	171
LOKAIN	2,665	627	507	111	9	514	193
LUCAS	4,877	1,370	1,053	230	27	1,075	221
MADISON	291	31	23	7		82	24
MAHONING	3,072	589	491	89	9	499	164
MARSHEN	666	120	97	23		97	146
MEDINA	790	102	74	27	1	75	95
MEIGS	203	32	16	6		16	77
MERCER	343	32	23	7	1	25	72
MIAMI	801	115	85	27	3	87	108
MONROE	163	10	7	3		7	43
MONTGOMERY	5,977	1,001	754	223	19	769	129
MORGAN	133	21	19	2		19	143
MORROW	217	15	12	3		12	57
MUSKINGUM	315	73	55	17	1	56	69
NOBLE	106	11	8	3		8	75
OTTAWA	334	83	64	13	1	65	169
PAULING	131	19	15	3	1	13	88
PERRY	267	7	7			7	26
PICKAWAY	405	37	28	7	2	30	74
PIKE	705	17	10	6	1	11	54
PORTAGE	1,106	91	70	20	1	74	64
PREBLE	350	41	29	11	1	39	86
PUTNAM	305	50	32	16	1	34	111
RICHLAND	1,344	182	154	35	4	157	117
ROSS	655	52	39	13		59	160
SAROUSKY	818	104	89	14	1	90	146
SCIOTO	833	153	129	21	3	132	158
SENECA	630	111	87	21	3	89	141
SHELBY	374	37	30	7		30	80
STARK	3,713	580	461	109	10	469	126
SUMMIT	5,690	923	712	196	15	724	127
TRUMBULL	2,370	291	238	50	3	240	101
TUSCARAWAS	2,795	62	52	8	2	54	68
UNION	232	21	13	3		13	78
VAN WERT	265	8	7	1		7	25
VINTON	98	10	6	3	1	7	71
WARREN	838	69	47	20	2	48	57
WASHINGTON	570	84	63	20	1	64	112
WAYNE	856	142	111	25	6	116	136
WILLIAMS	294	56	42	12	2	44	150
WOOD	793	132	97	31	4	100	126
WYANDOT	212	15	10	5		10	47
COUNTY NOT IDENT.		29	15	7		20	
OUT OF STATE RES.		314	314			314	
State Totals	106,617	1E,368	14,583	3,307	378	14,998	141

OKLAHOMA

ADAIR	138	7	4	3		4	29
ALFALFA	83	4	3	1		3	36
ATOKA	103	12	9		3	12	117
BEAVER	70	12	5	4	3	7	100

OKLAHOMA—Continued

State and county	Population (in hundreds)	Total	All licensed practical nurses		No answer	Estimated employed	
			Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
BECKHAM	162	40	23	10	7	28	173
BLAINE	119	9	9			9	76
BRYAN	229	53	39	6	8	46	201
CADDO	287	25	16	6	3	18	64
CANADIAN	286	23	16	4	3	18	63
CARTER	393	60	39	12	9	46	117
CHEROKEE	200	27	24	2	1	25	125
CHOCTAW	154	13	6	3	4	9	58
CIMARRON	45	12	7	3	2	8	178
CLEVELAND	687	90	59	23	8	65	95
COAL	54	13	13			13	241
COMANCHE	1,121	207	146	37	24	165	147
COTTON	72	4	1	2	3	1	14
CRAIG	198	58	48	7	3	51	323
CREEK	423	35	24	7	8	31	73
CUSTER	217	38	30	5	3	33	152
DELAWARE	138	15	6	6	3	8	58
DEWEY	61	3	3			3	49
ELLIS	57	24	13	5	6	17	298
GARFIELD	566	81	55	15	10	63	111
GARVIN	282	25	18	1	6	24	85
GRADY	280	36	28	3	5	33	118
GRANT	74	8	6	1	1	7	95
GREER	83	26	12	7	7	16	193
HARMON	54	10	7	3	7	7	130
HARPER	55	9	5	3	1	6	109
HASKELL	90	6	3	2	1	4	44
HUGHES	134	31	17	5	9	24	174
JACKSON	325	46	27	10	9	34	105
JEFFERSON	76	10	6	3	1	7	92
JOHNSTON	83	7	4	2	1	5	60
KAY	516	105	64	29	12	72	140
KINGFISHER	125	4	3			4	140
KIOWA	140	32	21	10	1	22	157
LATIMER	81	62	46	12	4	49	605
LE FLORE	302	20	20	3	3	23	76
LINCOLN	188	27	17	4	6	22	117
LOGAN	175	42	29	9	4	32	183
LOVE	58	2	2			2	34
MCCLELLAIN	127	11	6	1	4	9	71
MCCURTAIN	267	20	11	6	3	13	49
MCINTOSH	119	5	4	1	1	4	34
MAJOR	83	4	2	1	1	3	36
MARSHALL	73	10	9	1		9	123
MAYES	215	38	25	7	6	30	140
MURRAY	112	39	27	7	5	31	277
MUSKOGEE	627	158	124	25	9	131	209
NOBLE	95	9	5	3	1	6	63
NOWATA	94	21	14	6	1	15	160
OKFUSKEE	117	19	16	3		16	137
OKLAHOMA	5,041	985	705	155	125	808	160
OKMULGEE	286	50	37	6		43	124
OSAGE	277	15	12	3		12	42
OTTAWA	277	52	41	3	8	48	173
PAWNEE	105	26	23	3		23	219
PAYNE	500	66	47	13	6	52	104

PITTSBURG	352	83	56	11	16	69	196
PONTOTOC	277	114	75	23	16	87	314
POTTAWATOMIE	412	117	81	28	8	87	211
PUSHAWATAH	93	10	5	4	1	6	65
ROGER MILLS	52	4	2	1	1	3	58
ROGERS	236	31	19	7	5	23	97
SEMINOLE	246	48	37	5	6	42	171
SEQUOYAH	198	22	12	3	7	18	91
STEPHENS	383	73	53	12	8	60	157
TEXAS	151	17	8	2	3	10	66
TILLMAN	279	8	4	3	2	5	36
TULSA	3,850	521	394	68	59	444	115
WAGONER	156	11	7	2	2	9	58
WASHINGTON	505	95	77	14	8	80	158
WASHITA	196	29	13	13	3	15	77
WOODS	116	7	6	1	6	6	52
WOODWARD	150	47	39	2	4	45	380
COUNTY NOT IDENT.		10	3	5	2		
OUT OF STATE RES.		45	45				
State Totals	24,943	4,195	2,973	713	509	3,387	136

OREGON

BAKER	157	13	9	4		9	57
BENTON	472	22	14	8		14	30
BLACKAMAS	1,430	144	106	36	2	107	75
CLATSOP	266	38	28	9	1	29	109
COLUMBIA	250	18	18	8		18	72
COOS	532	101	76	24	1	77	144
CROOK	87	34	27	7		27	310
CURRY	128	11	6	5		6	47
DESCHUTES	266	103	73	23	1	80	301
DOUGLAS	754	83	59	23	1	60	80
GILIAM	31	2	2	2			65
GRANT	75	11	6	5		6	80
HARNEY	72	6	5	1		5	69
HOOD RIVER	142	10	3	2		8	56
JACKSON	934	148	106	41	1	107	115
JEFFERSON	106	8	6	2		6	57
JOSEPHINE	363	31	20	11		20	55
KLAMATH	488	72	44	28		44	90
LAKE	62	6	2	4		2	37
LANE	2,038	232	168	64		168	82
LINCOLN	234	23	9	13	1	9	38
LINN	659	49	32	15	2	33	50
MALHEUR	246	31	22	9		22	89
MARION	1,471	227	164	62	1	165	112
MORROW	46	4	2	2		2	43
MULTNOMAH	5,534	1,016	707	242	5	773	140
POLK	331	31	27	3	1	28	85
SHERMAN	23	4	2	2		2	61
TILLAMOOK	161	14	7	7		7	43
UMATILLA	439	117	81	35	1	82	187
UNION	176	29	17	12		17	97
WALLOWA	60	10	6	4		6	100
WASCO	233	29	15	14		15	64
WASHINGTON	1,272	209	130	78	1	131	103
WHEELER	17	36	26	10		26	70
YAMHILL	373	6	1	5		1	1
COUNTY NOT IDENT.		65	65			65	
OUT OF STATE RES.							
State Totals	19,939	3,001	2,164	818	19	2,276	109

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed	
		Total	Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
PENNSYLVANIA							
ADAMS	575	127	106	20	1	107	186
ALLEGHENY	15,913	4,155	3,196	851	108	3,281	206
ARMSTRONG	124	83	4	37	4	86	111
BEAVER	2,058	703	501	186	16	513	249
BEDFORD	61	46	15	15	21	46	104
BERKS	2,917	751	556	174	13	572	196
BLAIR	1,398	466	350	103	2	360	258
BRADFORD	561	124	85	37	31	86	153
BUCKS	1,672	768	530	207	8	552	150
BUTLER	1,209	227	226	93	21	232	192
CAMBERIA	1,928	676	467	188	3	482	250
CAMERON	4	3	3	1	4	3	40
CARBON	516	97	53	40	7	55	107
CENTRE	222	894	155	59	13	161	180
CHESTER	2,533	579	391	175	1	400	158
CLARION	384	42	28	13	3	29	76
CLEARFIELD	799	137	96	37	7	99	124
CLINTON	380	100	72	25	3	74	195
COLUMBIA	540	191	126	58	7	131	143
CRAWFORD	786	271	197	62	12	206	22
CUMBERLAND	1,426	404	268	123	13	277	194
DAUPHIN	2,332	512	373	122	17	386	166
DELAWARE	6,047	1,468	1,188	240	40	1,221	202
ELK	388	60	47	12	1	48	124
ERIE	2,544	624	478	130	16	491	186
FAYETTE	1,538	250	172	70	8	178	116
FOREST	46	9	5	3	1	6	130
FRANKLIN	985	279	200	77	2	201	204
FULTON	114	33	22	10	1	23	202
GREENE	371	84	62	17	5	66	178
HUNTINGDON	392	56	38	17	1	39	99
INDIANA	729	231	157	64	10	164	225
JEFFERSON	442	130	96	26	8	102	231
JUNIATA	166	48	33	12	3	35	211
LACKAWANNA	2,225	778	605	149	24	624	280
LANCASTER	3,042	721	721	266	19	735	242
LAWRENCE	1,121	245	170	68	7	175	156
LEBANON	965	367	265	94	8	271	281
LEHIGH	2,422	511	388	112	11	397	164
LUZERNE	3,441	993	657	309	27	657	196
LYCOMING	1,162	331	256	68	7	262	225
MCKEAN	533	183	124	53	6	128	240
MERCER	1,317	310	206	92	12	214	162
MIFFLIN	455	66	45	18	3	47	103
MONROE	440	75	47	26	2	48	109
MONTGOMERY	6,010	1,206	907	276	23	925	154
MONTGOMERY	1,178	183	149	27	7	155	871
NORTHAMPTON	2,136	564	383	171	10	390	183
NORTHUMBERLAND	1,003	190	142	44	4	145	145
PERRY	273	103	74	27	2	75	275
PHILADELPHIA	20,439	6,517	5,452	857	208	5,632	276
PIKE	101	10	6	4	1	6	59
POTTER	161	31	219	10	1	32	199
SCHUYLKILL	1,617	302	219	77	6	223	138

SNYDER	300	74	60	12	2	62	207
COMERSET	757	304	216	76	12	225	297
SULLIVAN	59	16	3	7		3	51
SUSQUEHANNA	336	51	33	16	2	34	101
TIOGA	374	114	81	31	2	22	219
UNION	291	53	39	12	2	41	141
VENANGO	646	393	273	100	20	283	446
WARREN	485	277	200	70	7	205	423
WASHINGTON	2,135	568	420	123	25	439	206
WAYNE	281	96	65	30	1	66	235
WESTMORLAND	3,694	759	544	196	19	558	151
WYOMING	178	59	41	11	7	47	264
YORK	2,618	613	467	135	11	476	182
COUNTY NOT IDENT.		41	4	7	30	15	
OUT OF STATE RES.		240	240			240	
State Totals	117,174	31,747	23,940	6,878	529	24,652	210

RHODE ISLAND

BRISTOL	435	66	47	17	2	45	110
KENT	1,348	358	269	82	6	274	203
NEWPORT	818	144	87	52	5	90	110
PROVIDENCE	5,672	1,358	1,027	293	38	1,057	186
WASHINGTON	756	155	88	56	11	95	126
COUNTY NOT IDENT.		9	4	1		5	
OUT OF STATE RES.		63	63			63	
State Totals	9,029	2,153	1,585	505	63	1,632	181

SOUTH CARO'INA

ABBEVILLE	210	5	4	1	2	4	19
AIKEN	956	86	68	16		70	73
ALLEDALE	110						
ANDERSON	1,023	99	90	8	1	91	89
BAMBERG	160	4	3	1		3	19
BARNWELL	178		4			4	22
BEAUFORT	546	21	14	5	2	15	27
BERKELEY	512	28	19	8	1	20	39
CALHOUN	113	2	2			2	17
CHARLESTON	2,421	438	345	85	8	351	134
CHEROKEE	361	70	55	14	1	56	154
CHESTER	303	43	35	6	2	37	122
CHESTERFIELD	353	19	15	2	2	17	48
CLARENDON	295	11	9	1	1	10	34
COLLETON	280	65	48	14	3	50	179
DARLINGTON	571	61	54	6	1	55	96
DILLON	331	5	5			5	15
DORCHESTER	304	26	23	2	1	24	79
EDGEFIELD	162	3	3			3	19
FAIRFIELD	208	7	5	2		5	24
FLORENCE	941	125	105	18	2	107	114
GEORGETOWN	359	17	15	2		15	42
GREENVILLE	2,364	168	134	29	5	138	58
GREENWOOD	508	27	15	6		15	30
HAMPTON	172	8	6	2		6	35
HORRY	763	64	53	8	3	56	73
JASPER	129	2	1		1	2	16
KERSHAW	346	51	45	6	2	45	130
LANCASTER	436	59	48	9	2	50	115
LAURENS	495	15	9	4	2	19	20

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed	
		Total	Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
SOUTH CAROLINA--Continued							
LEE	215	2	2			2	9
LEXINGTON	752	80	67	12	1	68	90
MCCORMICK	91	2	1	1		1	11
MARION	323	41	39	2		39	121
MARLBORO	238	32	25	6	1	25	90
NEWBERRY	292	7	5	2		5	17
OCONEE	421	26	21	4	1	22	52
ORANGEBURG	715	39	27	11	1	28	39
PICKENS	519	44	40	4		40	77
RICHLAND	2,355	356	298	51	7	304	129
SALUDA	1,152	5	4	1		4	26
SPARTANBURG	1,642	152	130	18	4	134	82
SUMTER	973	57	39	14	4	42	48
UNION	295	30	27	3		27	92
WILLIAMSBURG	405	154	122	28	4	125	309
YORK	853	70	57	11	2	59	69
COUNTY NOT IDENT. OUT OF STATE RES.		15	10	5		10	
		37	37			37	
State Totals	26,304	2,676	2,183	428	65	2,239	85
SOUTH DAKOTA							
AURORA	47	7	4	3		4	18
BEADLE	225	5	2	2	1	3	97
BENNETT	31	13	9	3	1	10	112
BON HOMME	89	13	9	3	1	10	51
BROOKINGS	197	33	28	5		28	77
BROWN	362	2	2			2	27
BRULE	74	2					
BUFFALO	22	1	1	1		1	12
BUTTE	86	1	1			1	32
CAMPBELL	31	1	2	1	1	3	25
CHARLES MIX	122	4	2	1	1	2	32
CLARK	62	2	1		1	5	48
CLAY	105	5	5	3	1	22	109
CODINGTON	201	25	21	3		4	63
CORSON	63	7	4	3	1		
CUSTER	42	2		1			
DAVISON	170	49	38	9	2	40	235
DAY	98	11	10	1		10	102
DEUEL	61	4	4			4	66
DEWEY CO.	54	3	3			3	56
DOUGLAS	43	5	4	1		4	83
EDMONDS	63	4	4			4	63
FALL RIVER	84	4	5	2		5	60
FAULK	46	8	6	1	1	7	152
GRANT	94	3	2	3	1	3	32
GREGORY	75	7	3	3	1	4	53
HAARON	29	4	3	4			
HAMLIN	62	6	3	3		3	48
HAND	67	4	3	1		3	45
HANSON	44	4	2			2	45
HARDING	19	2					

HUGHES	122	46	22	5	3	41	336
HUTCHINSON	113	15	13	1	1	14	124
HYDE	30	1					
JACKSON	18	3	3			3	257
JERAULD	38	2	2			2	53
JONES	20	3				2	100
KINGSBURY	67	10	9	1		2	103
LAKE	114	12	8	3	1	9	79
LAWRENCE	176	11	4	5	2	5	28
LINCOLN	128	9	6	3		6	47
LYMAN	44	2		1	1		
MCCOOK	81	11	9	2		9	111
MCPHERSON	64						
MARSHALL	68	4	4	6	1	4	59
MEADE	193	15	8			9	47
MELLETTE	24	2	2			2	83
MILNER	35	7	4	2	1	5	91
MINNEHAHA	995	215	171	32	12	181	182
MOODY	53	2	1	1		1	11
PENNINGTON	665	49	35	11	2	37	56
PERKINS	45	6	3	3		3	67
PCTTER	53	14	13	1		13	245
ROBERTS	131	11	8	1	2	10	76
SANBORN	45	1		1			
SHANNON	84	11	3	1	1	10	119
SPINK	111	6	4	2		4	36
STANLEY	25	7	7	3	7	7	280
SULLY	27	6	3	3	3	3	111
TODD	50	17	12	5		12	240
TRIPP	92	7	7	8	2	7	76
TURNER	111	13	3	3		4	36
UNION	101	8	6	2		6	59
WALWORTH	86	6	3	3		3	35
WASHABACGH	12						
YANKTON	193	22	17	3	2	19	98
ZIEBACH	21	1	1	1		1	48
COUNTY NOT IDENT.		4	3		3	3	
OUT OF STATE RES.		20	20		20	20	
State Totals	7,088	817	614	159	44	551	92
TENNESSEE							
ANDERSON	631	74	55	17	2	57	90
BEDFORD	242	83	67	15	1	68	281
BENTON	111	10	7	3		7	63
BLEDSE	86	6	5	1	5	5	58
BLOUNT	602	58	40	21	1	47	78
BRADLEY	461	111	89	22		89	193
CAMPBELL	260	47	31	16		31	119
CANNON	83	23	19	3	1	20	241
CARROLL	237	20	12	7	1	13	56
CARTER	418	113	85	26	2	87	208
CHEATHAM	121	17	11	6		11	91
CHESTER	192	7	4	3	4	4	39
CLAIBORNE	173	31	23	8		23	133
CLAY	70	2	2	2		2	29
COCKE	257	15	9	2	4	12	47
COFFEE	316	82	62	17	3	64	203
CROCKETT	141	6	4	2		4	28
CUMBERLAND	216	39	33	5	1	34	157
DAVIDSON	4,556	922	770	133	19	786	173
DECATUR	87	8	8			8	92

TENNESSEE--Continued

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Estimated employed Number (adjusted fig.)	Nurse-population ratio
DE KALB	108	4	3	1		3	28
DICKSON	210	66	44	12		44	210
DYER	294	64	54	10		54	184
FAYETTE	316	4	4			4	19
FENTRESS	137	20	19	1		19	139
FRANKLIN	272	43	39	4		39	143
GIBSON	481	65	58	6	1	59	123
GILES	208	32	24	8		24	115
GRAINGER	179	3	3			3	23
GREENE	451	79	64	15		64	142
GRUNDY	103	7	5	2		5	46
HAMBLEDEN	404	73	55	15	3	57	141
HAMILTON	2,610	538	440	89	9	447	171
HARDEN	227	3	3			3	41
HARDEN	227	23	23	5	1	24	105
HARDEN	227	22	22	8		27	119
HAWKINS	375	29	29	29		29	89
HAYWOOD	220	16	15	1		15	63
HENDERSON	175	35	30	5		30	171
HENRY	275	94	83	10	1	84	373
HICKMAN	117	8	7	1		7	60
HOUSTON	15	2	2	1	1	2	39
HUMPHREYS	126	20	15	4		15	138
JACKSON	22	5	4	1		4	49
JEFFERSON	252	40	30	8	2	32	127
JOHNSON	195	21	16	5		16	152
KNOX	2,707	435	397	68	10	395	135
LAKE	96	2	2			2	21
LAUDERDALE	270	11	10	1		10	48
LAVERGNE	224	44	38	6		38	137
LEWIS	89	2	2			2	29
LINCOLN	230	73	61	11	1	62	259
LOUDON	341	35	31	4		31	129
LOVELL	343	42	33	7	2	35	102
MCNARY	170	27	19	3		19	117
MADISON	120	3	3			3	25
MADISON	159	128	128	24	7	134	207
MARION	209	45	33	10	2	49	167
MARSHALL	170	52	47	5		47	257
MAURY	444	61	62	17	2	64	144
MEigs	100	2	2			2	46
MONROE	230	9	7	2		7	30
MONROE	230	106	90	15	1	91	146
MOORE	516	6	3	3		3	21
MOORE	516	44	44	3	1	47	160
MORGAN	159	12	12	3		12	66
MORGAN	159	10	10	1		10	75
OVERTON	100	5	4	1		4	22
PERRY	100	1	1			1	116
PICKETT	35	1	1	2		1	173
POPE	101	16	14	10		14	121
PUTNAM	304	68	59	4		65	157
RAVEN	196	79	74	4		74	121
REAGAN	406	64	64	19		64	121
ROBERTSON	309	57	48	9		48	157

State Totals

TEXAS

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TEXAS--Continued

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Estimated employed Number (adjusted fig.)	Nurse-population ratio
CATRO	115	14	5	1	8	12	164
CHAMBERS	120	17	9	4	4	12	100
CHEROKEE	314	198	131	30	37	161	513
CHILDRESS	70	45	35	6	4	38	543
CLAY	78	14	7	2	4	10	128
COCHRAN	69	15	12	2	1	13	188
COKE	21	29	23	3	3	26	765
COLEMAN	170	72	38	5	29	64	533
COLLIN	544	187	124	33	23	142	281
COLLINGSWORTH	53	4	3	1	1	4	75
COLORADO	192	35	22	7	6	27	141
COMAL	226	49	30	12	7	35	155
COMANCHE	134	47	36	4	7	42	313
CONCHO	36	7	3	2	2	4	111
COOKE	241	90	46	26	18	58	241
CORYELL	330	79	59	10	10	63	201
COTTLE	35	7	6	1	5	7	171
CRANE	42	26	18	3	5	12	524
CROCKETT	42	14	8	1	5	12	286
CROSBY	114	13	9	2	2	11	96
CULBERSON	34						
DALLAM	64	31	18	6	7	23	309
DALLAS	12,296	2,539	1,710	393	436	2,064	168
DAWSON	202	58	35	9	9	41	203
DEAF SMITH	198	50	28	9	13	38	192
DELTA	62	13	8	3	2	9	145
DENTON	656	157	106	33	18	120	183
DE WITT	196	100	59	17	24	78	398
DICKENS	45	7	3	3	1	4	89
DIMMIT	95	17	7	5	5	10	105
DONLEY	42	11	5	2	4	8	190
DUVAL	139	13	6	6	1	7	50
EASTLAND	172	100	68	13	19	84	488
ECTOR	970	394	258	85	50	296	305
EDWARDS	24	5	4	1	23	4	167
ELLIS	451	141	91	27	23	109	242
EL PASO	3,719	556	354	101	101	433	116
ERATH	156	114	65	28	21	80	513
FATALL	165	97	73	15	9	74	432
FANNIN	219	100	62	22	16	74	338
FAYETTE	493	33	17	10	6	21	109
FISHER	76	36	26	5	5	30	395
FLOYD	143	21	16	4	4	20	140
FOARD	27	20	15	2	3	18	667
FORT BEND	507	139	87	28	24	105	207
FRANKLIN	53	21	15	3	6	17	321
FREESTONE	111	31	23	2	3	29	261
FRIO	117	21	17	1	3	20	171
GAINES	139	24	14	7	8	19	197
GALVESTON	1,973	627	471	62	94	554	331
GARZA	59	11	9	2	5	9	153
GILLESPIE	112	27	18	4	5	22	196
GLASSCOCK	1	1	1	1	2	8	145
GOLIAD	55	12	7	3			

GONZALES	166	48	28	10	10	35	211
GRAY	275	73	42	13	18	56	204
GRAYSON	764	356	256	54	46	294	385
GREGG	330	777	182	63	85	246	315
GRIMES	120	36	21	8	7	2	217
GUADALUPE	476	58	36	18	4	39	113
HALE	443	118	79	20	19	94	212
HALL	70	24	10	4	10	17	243
HAMILTON	80	68	52	10	6	57	713
HANSFORD	71	13	3	2	8	8	113
HARDENMAN	78	77	21	2	4	25	321
HARDIN	310	62	39	16	7	44	177
HARRIS	15,901	4,200	2,863	669	668	3,405	214
HARRISON	442	130	93	15	22	112	253
HARTLEY	28						
HASKELL	90	57	37	12	13	41	414
HAYS	222	27	19	4	4	22	99
HEMPHILL	31	7	1	1	1	5	161
HENDERSON	240	96	58	19	19	72	300
HIDALGO	1,901	312	195	64	53	235	124
HILL	204	159	107	31	31	133	636
HOCKLEY	236	50	37	7	6	42	179
HOOD	54	16	7	7	2	8	148
HOPKINS	188	72	42	13	17	55	203
HOUSTON	150	99	42	10	17	56	287
HOWARD	428	217	153	30	34	181	423
HUDDSPETH	30	1		1			
HUNT	423	153	91	30	32	115	171
HUTCHINSON	342	60	36	6	18	51	139
IRION	1	1	1				23
JACK	61	30	14	8	8	16	275
JACKSON	141	56	28	11	17	40	244
JASPER	293	43	33	5	5	37	152
JEFF DAVIS	15	2	1			2	133
JEFFERSON	2,725	776	459	148	119	549	201
JIM HOGG	59	3	3			3	50
JIM WELLS	347	55	40	7	8	47	172
JOHNSON	413	195	130	37	23	157	369
JONES	744	117	79	18	20	45	490
KARNES	143	80	38	12	10	46	322
KAUFMAN	300	158	105	23	30	150	433
KENDALL	66	17	6	4	5	9	136
KENEDY	7						
KENT	13	1	1			1	56
KERR	217	76	43	13	20	59	274
KIMBLE	41	4	1	2	1	1	24
KING	5		1				100
KINNEY	23	1		1			
KLEBERG	307	47	29	10	8	35	114
KNOX	68	13	1	7	7	5	74
LAMAR	333	166	110	24	32	136	405
LAMB	240	78	50	13	15	60	250
LAMPASAS	93	40	29	8	3	31	323
LA SALLE	63	4	3	1		3	68
LAVACA	197	125	76	34	15	86	427
LEE	47	20	13	3	4	16	134
LEON	97	22	14	6	2	15	155
LIBERTY	336	67	42	18	14	47	140
LIMESTONE	204	60	38	8	14	50	245
LIPSCOMB	74	3	1	2		1	29
LIVE OAK	75	9	8	1	1	9	120
LLANO	57	41	25	11	5	28	454
LOVING	2						

State and county	Total	Employed	employed	answer	(adjusted fig.)	Nurse-population ratio
TEXAS—Continued						
LUBBOCK	1,289	354	77	101	438	232
LYNN	106	11	5	2	12	113
MCCULLOCH	85	44	15	13	54	635
MCLENNAN	1,626	235	62	76	295	181
MCMAULLEN	10	1			1	100
MADISON	72	12	3	5	16	219
MARTIN	75	8	1	5	12	160
MASON	36	10	3	3	12	235
MATAGORDA	302	4	23	12	6	167
MAVERICK	191	46		54	179	
MEDINA	212	13	3	1	19	89
MENARD	23	7	2	7	9	321
MIDLAND	722	82	2	11	91	121
MILAM	197	40	13	8	46	234
MILLS	43	27	23	2	25	381
MITCHELL	104	23	5	5	27	260
MONTAGUE	152	28	11	4	31	203
MONTGOMERY	357	73	11	16	87	211
MOORE	137	33	6	4	36	163
MORRIS	119	31	8	1	32	269
MOTLEY	26	2	1		2	77
NACOGDOCHES	283	77	13	17	91	315
NAVARRO	332	106	18	26	128	363
NEWTON	195	9	6	5	42	114
NOLAN	174	77	23	17	39	511
NUCES	2,473	631	136	205	900	323
OCHILTREE	103	9	2	2	11	107
OLDHAM	24	1	1	1	2	83
ORANGE	692	132	57	47	155	238
PALO PINTO	230	37	18	15	47	204
PANOLA	162	65	9	19	62	106
PARKER	329	105	19	16	119	278
PARKER	118	2	5	1	1	17
PECOS	124	14	4	4	11	123
POLK	147	24	18	5	27	193
POTTER	1,350	272	85	99	311	257
PRELSDIO	51	1	1	3	3	54
RAINS	30	1	1	1	1	21
RANDALL	523	1	3	1	1	11
REAGAN	30	8	1	6	13	433
REAL	21					
RED RIVER	190	21	2	7	27	169
REEVES	190	8	4	2	16	57
REFUGIO	107	36	11	4	39	364
ROBERTS	11		1			
ROBERTSON	151	14	6	6	13	115
ROCKWALL	58	9	2	3	11	160
RUNNELS	196	27	8	8	33	243
RUSA	335	105	29	30	130	386
SABINE	70	4	5	5	10	123
SAN AUGUSTINE	75	4	6	1	4	153
SAN JACINTO	61	33	10	7	38	672
SAN PATRICIO	456	87	17	14	99	212

69	38	21	8	9	28	-426
SABH SABA	1	1			1	36
SCHLEICHER	89	60	18	11	68	422
SCURRY	161	15		2	77	459
SOHACKELFORD	19	39	14	3	41	209
SHELBY	56	1			1	31
SHERMAN	32	1	58	70	323	336
SMITH	394	266			8	300
SOMERVELL	8	6		2	25	124
STARR	29	23	4	2	29	367
STEPHENS	34	21	4	9	4	364
STERLING	11	4			10	345
STONEWALL	29	8	2	3	15	395
SUTTON	38	14	8	5	15	111
SWISHER	135	11	3			255
TARRANT	6,126	1,322	351	307	1,565	206
TAYLOR	1,130	133	51	57	1,133	
TERRELL	24		1			248
TERRY	165	31	5	12	41	1,126
THROCKMORTON	48	28	5	7	33	512
TITUS	26	73	12	15	86	347
TOM GREEN	163	210	23	46	249	174
TOM GREEN	294	210	46		495	178
TRAVIS	597	354	110	133	13	308
TRINITY	16	13	3		33	146
TYLER	107	29	9	5	11	275
UPSHUR	43	26	16	7	42	243
UPTON	205	6	1	13	20	69
UVALDE	172	31	7	2	36	185
VAL VERDE	290	18	10	46	168	299
VAN ZANDT	195	31	62	16	21	133
VICTORIA	562	136	10	7	18	122
WALKER	239	20	2	9	33	250
WALLER	148	12	6	5	40	212
WARD	132	26	10	24	123	163
WASHINGTON	41	36	6	30	131	339
WEBB	189	103	23	6	9	130
WEBB	756	177	34	73	257	191
WHARTON	386	5	57	15	61	367
WHEELER	69	49	12	3	24	153
WICHITA	1,347	200	5	23	10	71
WILBARGER	1,566	22	29	4	56	475
WILLACRY	76	110	7	5	25	134
WILLIAMSON	164	41	7	9	50	275
WILSON	140	7	7	8	33	407
WINKLER	118	21	14	20	104	680
WISE	186	43				
WOOD	182	27				
YOAKUM	81	57				
YOUNG	154	5				
ZAPATA	46	5				
ZAVALA	138	3	6	2	10	72
COUNTY NOT IDENT.		174			4	
OUT OF STATE RES.					174	
State Totals	109,842	20,237	5,270	5,307	24,440	222
UTAH						
BEAVER	40	6	11	2	6	150
BOX ELDER	303	25	2		26	89
CACHE	417	20			20	48
CARBON	173	33	1	1	34	197
DAGGETT	6					
DAVIS	923	30	25	2	81	63
DUCHESNE	67	10	2	1	8	119

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed	
		Total	Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
UTAH—Continued							
EMERY	59	7	6	1		6	102
GARFIELD	33	6	4	2		4	121
GRAND	74	16	14	2		14	189
IRON	107	11	10	1		10	93
JUAB	46	7	4	3		4	87
KANE	26	4	4			4	154
MILLARD	69	7	6	1		6	87
MORGAN	35	1	1			1	29
PIUTE	15	2	1	1		1	67
RICH	16	2	2			2	125
SALT LAKE	4,565	654	508	138	8	514	113
SAN JUAN	81	7	4	3		4	49
SANPETE	99	19	13	6		13	131
SEVIER	94	9	5	4		5	53
SUMMIT	63	9	6	3		6	95
TOOELE	230	32	27	13		19	83
UINTAH	125	12	8	3	1	9	72
UTAH	1,234	276	305	68	3	307	249
WASATCH	58	7	7	2		7	121
WASHINGTON	111	15	7	7	1	8	72
WAYNE	16						
WEBER	1,287	104	78	24	2	80	62
COUNTY NOT IDENT. OUT OF STATE RES.		3	8	3		8	
State Totals	10,372	1,551	1,191	339	21	1,207	116
VERMONT							
ADDISON	215	51	29	21	1	50	140
BENNINGTON	266	70	76	23	2	78	293
CALEDONIA	218	54	42	12		42	193
CHITTENDEN	834	261	192	65	4	195	234
ESSEX	53	5	4	1		4	75
FRANKLIN	255	95	74	19	2	76	259
GRAND ISLE	29	3	2	1		2	69
LAMOILLE	116	39	29	9	1	30	259
ORANGE	161	28	16	10	2	17	106
ORLEANS	198	53	39	13	1	40	202
RUTLAND	496	108	74	28	6	78	157
WASHINGTON	434	147	107	42	3	104	240
WINDHAM	305	168	107	34	4	133	436
WINDSOR	425	120	82	36	2	83	195
COUNTY NOT IDENT. OUT OF STATE RES.		39	5	2		5	
State Totals	4,043	1,279	935	316	28	956	236
VIRGINIA							
ACCOMAC	295	47	36	11		36	122
ALBEMARLE	746	219	183	31	5	187	251
ALEXANDRIA CITY	1,145	79	52	21	6	56	49
ALLEGHANY	290	6	4	5		4	14

AMELIA	75	5			5	1			67
AMHERST	264	11	10		10				38
APPOMATTOX	104	4	3		3	1			29
ARLINGTON	2,955	99	70		70	27	2		24
AUGUSTA	858	232	197		197	35			71
BATH	55	5	3		3	1	1		230
BIDFORD	329	35	32		32	5			75
BLAND	57	3	3		3				97
BOTETOURT	182	11	9		9	2			53
BRUNSWICK	171	14	12		12	2			45
BUCHANAN	379	26	24		24	2			70
BUCKINGHAM	108								63
CAMPBELL	979	55	50		50	8	1		
CAROLINE	140	7	4		4	3			51
CARROLL	273	25	23		23	2			29
CHARLOTTA	138	2	1		1	2			84
CHARLES CITY	65	3	2		2	1			7
CHESAPEAKE CITY	814	107	85		85	20	2		31
CHESTERFIELD	1,067	218	187		187	22	9		107
CLARKE	85	2	1		1		1		183
CRAIG	34	3	3		3				24
CUMPER	169	15	13		13	2			88
CUMBERLAND	65								77
DICKENSON	183	5	4		4	1			22
DINWIDDIE	634	8	6		6	2			9
ESSEX	74	2	2		2				27
FAIRFAX	3,065	159	102		102	51	6		106
FAUQUIER	268	13	7		7	6			7
FLOYD	102	4	1		1	3			10
FLUVANNA	79	7	6		6	1			1
FRANKLIN	285	8	6		6	2			76
FREDERICK	434	42	38		38	3	1		21
GILES	173	12	10		10	2			6
GLOUCESTER	135	9	4		4	2			90
GOOCHLAND	106	6	3		3	5			58
GRAYSON	161	4	3		3	3			4
GREENE	52	5	5		5	1			19
GREENSVILLE	175	4	4		4				56
HALIFAX	414	67	59		59	7	1		23
HAMPTON CITY	1,169	107	85		85	20	2		4
HANOVER	361	37	29		29	8			74
HENRICO	3,718	1,085	942		942	128	15		80
HENRY	700	66	46		46	19	1		257
HIGHLAND	29	1	1		1				67
ISLE OF WIGHT	207	19	18		18	1			87
JAMES CITY	242	2	2		2				3
KING AND QUEEN	49	1				1			2
KING GEORGE	80	3	1		1	2			13
KING WILLIAM	80	2	2		2	2			25
LANCASTER	93	3					1		16
LEE	234	20	16		16	4			8
LOUDOUN	339	18	8		8	2			24
LOUISA	139	4	2		2	9	1		8
LUNENBURG	129	6	6		6	2			14
MADISON	88	8	5		5	3			47
MATHEWS	69	10	8		8	2			6
MECKLENBURG	336	43	33		33	10			116
MIDDLESEX	62	4	3		3		1		8
MONTGOMERY	485	41	32		32	9			98
NANSEMOND	124	86	70		70	15	1		65
NELSON	11	11	9		9	2			56
NEW KENT	51	6	5		5	1			73
NEWPORT NEWS	1,333	193	169		169	22	2		98

VIRGINIA—Continued

State and county	Population (in hundreds)	Total	Employed	Not employed	No answer	Estimated employed Nurse-population ratio
NORFOLK	1,287	185	164	18	3	130
NORFOLK CITY	3,099	397	316	72	9	104
NORTHAMPTON	171	53	48	5		281
NORTHUMBERLAND	101	3	2	1		20
NOTTOWAY	149	24	20	4		134
ORANGE	133	14	10	4		75
PAGE	166	5	5			30
PATRICK	156	8				51
PITTSYLVANIA	1,122	140	133	6	1	119
POWHATAN	79	8	5	2	1	76
PRINCE EDWARD	121	13	12	1		99
PRINCE GEORGE	637	43	34	8	1	55
PRINCESS ANNE	1,465	130	87	42	1	60
PRINCE WILLIAM	913	53	35	18		32
PULASKI	281	52	41	11		146
RAPPAHANNOCK	46	4	1	3		18
RICHMOND	9					
ROANOKE	1,789	417	360	51	6	204
ROCKBRIDGE	316	37	26	10		85
ROCKINGHAM	612	28	22	5	1	38
RUSSELL	279	24	15	9		54
SCOTT	245	17	2	14	1	8
SHENANDOAH	236	19	16	3		68
SMYTH	321	29	24	4	1	78
SOUTHAMPTON	276	57	49	8		178
SPOTSYLVANIA	317	1		1		
STAFFORD	217	132	107	24	1	498
SURRY	56	1		1		
SUSSEX	125	4	6			48
TAZEWELL	428	108	85	20	3	203
WARREN	152	16	12	4		79
WASHINGTON	580	29	23	6		40
WESTMORELAND	121	4	4			33
WISE	440	104	91	12	1	209
WYTHE	223	19	15	4		67
YORK	314	170	135	33	2	435
COUNTY NOT IDENT.		18	11	7		
OUT OF STATE RES.		120				
State Totals	45,773	5,859	4,808	559	92	107
WASHINGTON						
ADAMS	115	4	3	1	1	26
ASOTIN	138	61	43	17		39
BENTON	675	149	104	44	1	156
CHELAN	427	122	94	26	2	225
CLALLAM	327	92	57	34	1	177
CLARK	1,082	389	273	112	4	255
COLUMBIA	48	14	9	5		188
COWLITZ	661	158	106	52		160
DOUGLAS	158	8	6	2		38
FERRY	39	3	3			77
FRANKLIN	259	62	44	17	1	174

GARFIELD	30	4	2	1	1	3
GRANT	432	72	16	3	55	127
GRAYS HARBOR	584	130	41	2	88	151
ISLAND	224	31	14		17	76
JEFFERSON	100	16	7		9	90
KING	10,358	1,748	603	35	1,133	109
KITSAP	936	228	87	2	140	156
KITTITAS	211	32	12		20	95
KLUCKITAT	138	11	4		7	51
LEWIS	484	117	30	3	86	185
LINCOLN	109	11	4			64
MASON	177	49	14		35	198
OKANOGAN	268	31	14	2	16	60
PACIFIC	151	26	12		14	93
PEND OREILLE	75	10	5	1	4	53
PIERCE	3,601	725	284	20	739	205
SAN JUAN	28	2	2			
SKAGIT	527	352	85	2	267	567
SKAMANIA	57	3	3		3	53
SNOHOMISH	2,113	459	154	8	307	143
SPOKANE	2,943	632	159	7	471	160
STEVENS	178	14	5		14	79
THURSTON	612	86	38	1	48	73
WAHIAKUM	36	5	2		3	83
WALLA WALLA	443	154	34	4	119	269
WHATCOM	741	221	89	2	131	177
WHITMAN	319	28	12	1	16	50
YAKIMA	339	233	97	9	239	160
COUNTY NOT IDENT.	1,492	13	4	1	9	
OUT OF STATE RES.		91			91	
State Totals	31,276	7,014	2,143	114	4,835	155

WEST VIRGINIA

BARREUR	142	5	2	3	21
BERKELEY	359	32	4	28	78
BOONE	255	14		14	55
BRAXTON	140	5		5	36
BROOKE	291	26	1	25	86
CABELL	1,069	419	44	373	349
CALHOUN	76	2		2	26
CLAY	102	1	1		
DODDRIDGE	67	1		1	15
FAYETTE	423	95	15	79	151
GILMER	82				
GRANT	88	18		14	159
GREENBRIER	327	17	4	10	31
HAMPSHIRE	117	2	7	2	17
HANCOCK	415	16	4	12	29
HARDY	89	1			
HARRISON	724	90	21	67	93
JACKSON	210	13	4	9	43
JEFFERSON	195	23	4	23	113
KANAWHA	2,469	539	92	445	180
LEWIS	198	26	3	23	116
LINCOLN	195	5	2	3	15
LOGAN	517	58	11	56	108
MC DOWELL	568	53	3	50	88
MARION	595	45	10	35	60
MARSHALL	379	129	20	109	283
MASON	241	14	3	11	46

State and county	Population (in hundreds)	Total	All licensed practical nurses		Not employed	No answer	Estimated employed	
			Employed	Not employed			Number (adjusted fig.)	Nurse-population ratio
WEST VIRGINIA—Continued								
MERCER	637	126	107		13	6	112	176
MINERAL	239	5	4		1		4	17
MINGO	369	28	19		9		19	51
MONONGALIA	534	101	86		13	2	88	165
MONROE	106	4	3		1		3	28
MORGAN	83	1			1			
NICHOLAS	233	15	11		2	2	13	56
OHIO	613	146	127		17	2	129	210
PENDLETON	72	1	1				1	14
PLEASANTS	74	3	3				3	41
POCAHONTAS	96	19	16		3		16	167
PRESTON	252	20	15		5		15	60
PUTNAM	256	16	16				16	63
RALEIGH	673	203	167		31	5	171	254
RANDOLPH	258	64	49		11	4	52	202
RITCHIE	100	7	6		1		6	60
ROANE	153	9	8			1	9	59
SUMMERS	144	12	9		1	2	11	76
TAYLOR	143	8	7		1		7	49
TUCKER	73	13	10		3		10	137
TYLER	93	11	9		2		9	97
UPSHUR	183	18	10		8		10	55
WAYNE	393	38	31		5	2	32	84
WEBSTER	121	12	9		1	2	11	91
WEITZEL	188	25	19		5	1	20	106
WIRT	41	2	1		1		1	24
WOOD	797	101	79		16	6	84	105
WYOMING	317	14	13		1		13	41
COUNTY NOT IDENT. OUT OF STATE RES.		4	1		2	1	1	
		136	136				136	
State Totals	17,664	2,821	2,317	406		98	2,402	136
WISCONSIN								
ADAMS	74	5	5				5	68
ASHLAND	165	21	19		2		19	115
BARRON	337	33	27		6		27	80
BAYFIELD	112	25	20		5		20	179
BROWN	1,527	202	176		25	1	177	116
BUFFALO	141	5	3		2		3	71
BURNETT	91	10	7		3		7	77
CALUMET	271	13	13				13	48
CHIPPewa	473	27	21		5	1	22	47
CLARK	316	13	10		3		10	32
COLUMBIA	389	43	39		4		39	170
CRAWFORD	155	16	14		2		14	90
DANE	2,704	378	352		46		352	123
DODGE	619	48	41		7		41	66
DOOR	209	8	8				8	38
DOUGLAS	437	195	165		23	3	172	394
DUNN	249	18	15		3		15	60
Eau Claire	610	59	49		9	1	50	82
FLORENCE	32	2	1		1		1	1

FOND DU LAC	828	129	117	11	1	118	143
FOREST	66	2	1	1		1	15
GRANT	458	30	22	8		22	48
GREEN	254	18	14	4		14	55
GREEN LAKE	167	12	10	1	1	11	66
IOWA	181	13	11	2		11	61
IRON	61	7	4	2	1	5	82
JACKSON	153	12	11	1		11	72
JEFFERSON	553	70	65	5		65	118
JUNEAU	184	6	260	37	2	6	33
KENOSHA	1,156	799	19	2		242	227
KENAUINEE	186	21	82	10		19	102
LA CROSSE	749	94	3			82	109
LAFAYETTE	187	3	3	3		3	16
LANGLADE	194	6	6			6	31
LINCOLN	274	15	12	3		12	53
MANITOWOC	821	54	51	3		51	62
MARATHON	974	49	24	3	2	26	27
MARINETTE	346	37	28	7	2	30	87
MARQUETTE	84	14	13	1		13	155
MENOMINEE	27	1	1			1	37
MILWAUKEE	10,744	1,334	1,170	161	3	1,173	109
MONROE	316	41	36	5		36	114
OCONTO	248	14	12	2		12	48
ONEIDA	238	14	14			14	59
OUTAGAMIE	1,166	20	18	2		18	15
OZAUKEE	464	25	19	6		19	41
PEPIN	80	2	2	1		2	25
PIERCE	242	26	18	7	1	19	79
POLK	256	22	20	2		20	78
PORTAGE	431	27	26		1	27	63
PRICE	136	8	5	3		5	37
RACINE	1,699	176	148	45	3	151	89
RICHLAND	151	8	8			8	53
ROCK	1,273	42	35	5	2	37	29
RUSK	138	7	6	1		6	43
ST CROIX	326	23	21	2		21	64
SAUK	369	18	17	1		17	46
SAWYER	92	6	5	1		5	54
SHAWANO	318	17	15	2		15	47
SHEBOYGAN	924	58	51	7		51	55
TAYLOR	171						
TEMPLEAU	242						
VERNON	240	18	15	3		15	62
VILAS	96	17	17	1		17	71
WALWORTH	573	9	8	6		8	83
WASHINGTON	99	31	25			25	44
WASHINGTON	547	5	5	5		5	51
WAUKESHA	2,023	41	36		1	36	66
WAUPACA	370	29	146	26		147	73
WAUSHARA	126	10	8	4		25	68
WINNEBAGO	1,203	274	240	34		240	63
WOOD	653	32	30	1	1	31	200
COUNTY NOT IDENT.		20	8	11		8	47
COUNTY NOT IDENT.		31	31			31	
OUT OF STATE RES.					28		94
State Totals	42,720	4,570	3,969	573		3,996	

State and county	Population (in hundreds)	All licensed practical nurses			No answer	Estimated employed	
		Total	Employed	Not employed		Number (adjusted fig.)	Nurse-population ratio
WYOMING							
ALBANY	246	31	23	8		23	93
BIG HORN	115	7	5	2		5	43
CAMPBELL	81	4	2	2		2	25
CARBON	147	20	17	3		17	120
CONVERSE	62	3	1	2		1	16
CROCK	50						
FREEMONT	336	36	23	12	1	24	71
GOSHEN	116	8	7	1		7	60
HOT SPRINGS	63	14	13	1		13	206
JOHNSON	51	9	7	2		7	123
LARAMIE	652	68	47	20	1	43	74
LINCOLN	93	9	8	1		8	96
NATRONA	536	65	47	15	2	50	93
NIOBRARA	37	5	4	1		4	108
PARK	173	10	4	5	1	4	23
PLATTE	73	11	11			11	151
SHERIDAN	187	35	26	9		26	179
SUBLETTE	45	3	3	3		3	37
SWEETWATER	181	3	3	2		1	26
TETON	39	3	1	2		1	216
UINTA	74	15	16	2		16	13
WASHAKIE	77	3	3	2		1	86
WESTON	70	6	6			6	
YELLOWSTONE NL PK	4	1		1			
COUNTY NOT IDENT.		4	4			4	
OUT OF STATE R.S.							
State Totals	3,509	374	277	92	5	281	80
ALASKA							
CENTRAL	427	49	35	16		33	77
NORTHWESTERN	184	4	2	2		2	11
SOUTHCENTRAL	1,491	156	107	49		107	72
SOUTHEASTERN	622	56	36	19	1	37	59
OUT OF STATE R.S.		20	20			20	
State Totals	2,724	285	198	85	1	199	73
HAWAII							
HAWAII	595	204	164	27	13	175	294
HONOLULU	6,145	1,104	825	134	95	903	147
KAUAI	269	81	62	12	7	68	255
MAUI	594	156	116	16	22	137	277
COUNTY NOT IDENT.		12	3	5	4	5	
OUT OF STATE RES.		31	31			31	
State Totals	7,500	1,588	1,203	244	141	1,319	176

All licensed practical nurses	Estimated employed
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99	99
100	100

Metropolitan area	Counties within metropolitan area	Population (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
Abilene, Texas	Jones, Taylor	1,324	413	267	69	77	328	243
Albany, Ohio	Portage, Summit	6,796	1,014	782	216	16	795	117
Albany, Georgia	Douglas	863	94	36	18	—	36	42
Albany-Schenectady-Troy, N.Y.	Albany, Rensselaer, Saratoga, Schenectady	7,187	1,631	1,014	537	20	1,027	143
Albuquerque, N.M.	Bernalillo	2,245	471	336	110	25	355	109
Allentown-Bethlehem-Easton, Pa.	Warren (N.J.); Lehigh, Northampton (Pa.)	5,278	1,237	865	344	27	885	168
Altoona, Pa.	Blair	1,398	466	350	103	13	360	254
Amarillo, Texas	Potter, Randall	1,893	465	277	88	100	352	186
Anaheim-Santa Ana-Garden Grove, Cal.	Orange	12,746	1,235	810	348	77	864	68
Anderson, Indiana	Madison	1,342	72	51	17	4	54	40
Ann Arbor, Michigan	Washtenaw	2,040	355	248	79	28	269	132
Ashville, N.C.	Buncombe	1,433	345	278	61	6	283	197
Atlanta, Ga.	Clayton, Cobb, DeKalb, Fulton, Gwinne	12,786	1,066	732	285	43	767	60
Atlantic City, N.J.	Atlantic	1,776	481	347	91	43	381	215
Augusta, Ga.	Richmond (Ga.), Aiken (S.C.)	2,564	353	301	48	9	309	121
Austin, Tex.	Travis	2,615	597	354	110	133	455	174
Bakersfield, Cal.	Kern	3,384	369	245	95	29	266	79
Baltimore, Md.	Anne Arundel, Baltimore, Carroll, Harford, Howard	20,055	2,720	2,092	604	24	2,111	105
Baton Rouge, La.	East Baton Rouge	2,785	500	379	120	1	380	136
Bay City, Mich.	Bay	1,128	337	223	85	29	244	216
Beaumont-Port Arthur, Tex.	Jefferson, Orange	3,41	962	591	205	166	714	209
Billings, Mont.	Yellowstone	874	83	60	22	1	61	70
Biloxi Gulfport, Miss.	Harrison	1,425	249	193	46	10	201	141
Binghamton-Endicott, N.Y.	Broome, Tioga (N.Y.); Susquehanna (Pa.)	3,039	717	478	232	7	483	159
Birmingham, Ala.	Jefferson, Shelby, Walker	7,713	1,483	1,225	196	72	1,287	167
Bloomington, Normal, Ill.	McLean	908	80	58	17	5	62	68
Boston, Mass.	Ada	1,046	258	170	85	3	172	164
Boston, N.Y.	Broome, Chautauque, Yates, Sullivan	3,039	8,759	4,832	1,657	2,270	6,523	202
Buffalo, N.Y.	Broome, Chautauque, Yates, Sullivan	3,039	748	169	29	29	772	100
Burlington, Vt.	Windsor	363	612	247	36	244	765	250
Butte, Mont.	Butte	1,739	188	139	36	52	242	147
Butte, Nev.	Butte	1,739	1,739	622	622	26	1,758	132
Butte, Wyo.	Butte	1,739	1,739	622	622	26	1,758	132
Cambridge, Mass.	Cambridge	1,739	1,739	622	622	26	1,758	132
Cambridge, N.H.	Cambridge	1,739	1,739	622	622	26	1,758	132
Cambridge, N.Y.	Cambridge	1,739	1,739	622	622	26	1,758	132
Cambridge, S.C.	Cambridge	1,739	1,739	622	622	26	1,758	132
Cambridge, Va.	Cambridge	1,739	1,739	622	622	26	1,758	132
Cambridge, W.Va.	Cambridge	1,739	1,739	622	622	26	1,758	132
Cambridge, Wyo.	Cambridge	1,739	1,739	622	622	26	1,758	132
Camden, N.J.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Tenn.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Lake, Ill.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Ill.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Mo.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Ark.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, La.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Ky.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Okla.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, N.C.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Tenn.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Lake, Ill.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Ill.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Mo.	Camden	1,739	1,739	622	622	26	1,758	132
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Camden, La.	Camden	1,739	1,739	622	622	26	1,758	132
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Camden, Tenn.	Camden	1,739	1,739	622	622	26	1,758	132
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Camden, Ark.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, La.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Ky.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Okla.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, N.C.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Tenn.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Lake, Ill.	Camden	1,739	1,739	622	622	26	1,758	132
Camden, Ill.	Cam							

All licensed practical nurses

Estimated employed

Metropolitan area	Counties within metropolitan area	Population, (in hundreds)	Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
Cincinnati, Ohio	Dearborn (Ind.); Boone, Campbell, Kenton (Ky.); Clermont, Hamilton, Warren (Ohio)	13,932	2,537	2,088	382	67	2,155	154
Cleveland, Ohio	Cuyahoga, Geauga, Lake, Medina	20,786	4,272	3,458	725	89	3,532	170
Colorado Springs, Colo.	El Paso	1,994	415	324	86	5	328	164
Columbia, S.C.	Lexington, Richland	3,107	435	365	63	8	372	120
Columbus, Ga.	Russell (Ala.); Chattahoochee, Muscogee (Ga.)	2,474	324	242	72	10	250	101
Columbus, Ohio	Delaware, Franklin, Pickaway	8,829	1,118	864	224	30	888	101
Corpus Christi, Tex.	Nueces, San Patricio	2,939	1,090	718	153	219	898	306
Dallas, Tex.	Collin, Dallas, Denton, Ellis, Kaufman, Rockwall	11,706	3,159	2,145	511	533	2,576	180
Dayton, Ohio	Henry, Rock Island (Ill.); Scott (Iowa)	3,543	461	336	102	23	354	103
Dayton, Ohio	Greene, Miami, Montgomery, Preble	8,311	1,265	956	283	26	976	117
Denver, Colo.	Macon	1,233	69	49	17	3	51	40
Des Moines, Iowa	Adams, Arapahoe, Boulder, Denver, Jefferson	11,315	2,338	1,924	384	30	1,949	172
Detroit, Mich.	Polk	2,804	373	275	90	3	281	100
Dubuque, Iowa	Macomb, Oakland, Wayne	41,138	6,695	4,665	1,311	720	5,226	127
Duluth Superior, Minn.-Wisc.	Dubuque	925	106	78	25	3	80	86
Durham, N.C.	St. Louis (Minn.); Douglas (Wisc.)	2,812	682	562	112	8	569	202
El Paso, Tex.	Durham, Orange	1,739	911	800	90	21	819	471
Erie, Pa.	El Paso	3,719	566	354	101	101	433	116
Eugene, Ore.	Erie	2,644	478	478	130	16	491	186
Evansville, Ind.	Lane	2,038	62	168	64	—	168	82
Fargo-Moorhead, N.D.-Minn.	Vanderburgh, Warrick (Ind.); Henderson (Ky.)	2,266	159	131	18	10	140	62
Fayetteville, N.C.	Clay (Minn.); Cass (N.D.)	1,128	177	149	28	—	149	132
Flint, Mich.	Cumberland	1,865	175	111	54	10	118	63
Fort Lauderdale-Hollywood, Fla.	Genesee, Lapeer	4,845	1,299	838	329	132	932	193
Fort Smith, Ark.	Broward	4,735	783	547	137	99	626	132
Fort Wayne, Ind.	Crawford, Sebastian (Ark.); LeFlore, Sequoyah (Okla.)	1,588	313	265	32	16	279	176
Fort Worth, Tex.	Allen	2,625	223	175	39	9	182	69
Fresno, Cal.	Johnson, Tarrant	6,538	2,175	1,452	388	335	1,716	262
Gadsden, Ala.	Fresno	4,207	531	406	95	30	430	102
Galveston-Houston, Texas City, Tex.	Elkworth	1,602	163	130	26	7	136	136
Gary-Hammond-East Chicago, Ind.	Galveston	1,673	627	471	62	94	554	331
Grand Rapids, Mich.	Lake, Porter	6,221	549	424	90	35	453	73
Great Falls, Mont.	Kent, Ottawa	5,133	1,369	850	419	100	917	179
Green Bay, Wisc.	Cascade	1,805	109	80	28	1	81	94
Greenboro-Winston-Salem-High Point, N.C.	Brown	1,527	202	176	25	1	177	116
Greenville, S.C.	Forsyth, Guilford, Randolph, Yadkin	5,915	700	551	124	25	571	97
Hamilton, Middletown, Ohio	Greenville, Pickens	2,863	212	174	33	5	178	62
Harrisburg, Pa.	Butler	2,268	324	256	58	10	264	116
Hartford-New Britain, Conn.	Cumberland, Dauphin, Perry	4,031	1,019	715	272	32	738	183
Honolulu, Hawaii	Hartford, Tolland	8,372	975	872	190	45	1,013	114
Houston, Tex.	Honolulu	6,145	1,104	825	184	95	903	147
	Brazoria, Fort Bend, Harris, Liberty, Montgomery	18,085	4,681	3,172	764	745	3,772	209

Continued

Metropolitan area	Gov. service metropolitan area	Population (in hundreds of thousands)	All licensed practical nurses				Estimated employed	
			Total	Employed	Not employed	No answer	Number (adjusted fig.)	Nurse-population ratio
New Orleans, La.	Jefferson, Orleans, St. Bernard, St. Tammany	10,754	1,550	1,536	353	11	1,545	1.44
Newport News-Hampton, Va.	Newport News, York	2,816	470	389	75	6	394	1.10
New York, N.Y.	Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Suffolk, Westchester	115,256	19,499	14,822	4,396	281	15,039	1.29
Norfolk Portsmouth, Va.	Norfolk, Princess Anne	6,665	819	652	152	15	664	1.00
Odessa, Texas	Odessa	970	394	258	86	50	296	2.75
Ogden, Utah	Weber	1,287	104	78	24	2	80	62
Oklahoma City, Okla.	Canadian Cleveland, Oklahoma	6,014	1,098	780	132	136	890	1.43
Omaha, Neb.	Pottawattamie (Iowa); Douglas, Sarpy (Neb.)	5,369	668	509	140	19	521	98
Orlando, Fla.	Orange, Seminole	4,061	660	505	94	61	566	137
Paterson-Citron-Passaic, N.J.	Bergen, Passaic	13,579	1,690	1,075	483	132	1,268	86
Pensacola, Fla.	Escambia, Santa Rosa	518	246	406	63	49	448	187
Peoria, Ill.	Peoria, Tazewell, Woodford	3,395	561	432	92	37	462	136
Petersburg Hopewell, Va.	Di. "Idie, Prince George	1,271	51	40	10	1	41	32
Philadelphia, Pa.	Burlington, Camden, Gloucester (N.J.); Bucks, Chester, Delaware, Montgomery, Philadelphia (Pa.)	47,853	11,804	9,401	2,005	398	9,729	203
Phoenix, Ariz.	Maricopa	8,956	1,185	929	244	12	939	105
Pine Bluff, Ark.	Jefferson	905	249	202	38	9	210	23
Pittsburgh, Pa.	Allegheny, Beaver, Washington, Westmoreland	23,800	6,185	4,661	1,356	168	4,791	201
Portland-North Adams, Mass.	Berkshire	1,477	385	237	77	71	291	197
Portland, Maine	Cumberland	1,911	189	122	54	13	131	69
Portland, Oregon	Clackamas, Multnomah, Washington (Ore.); Clark (Wash.)	9,313	1,801	1,321	468	12	1,330	143
Providence-Pawtucket, R.I.	Bristol, Kent, Newport, Providence	8,273	1,926	1,430	445	51	1,469	173
Provo-Orem, Utah	Utah	1,234	376	305	68	3	327	249
Pueblo, Colo.	Pueblo	1,290	502	355	146	1	356	276
Racine, Wisc.	Racine	1,699	176	148	23	3	151	89
Raleigh, N.C.	Wake	2,070	295	228	53	9	235	114
Reading, Pa.	Berks	2,917	751	556	174	41	572	136
Reno, Nev.	Washoe	1,255	239	159	67	3	171	136
Richmond, Va.	Chesterfield, Hanover, Henrico	5,146	1,340	1,158	158	24	1,179	209
Roanoke, Va.	Roanoke	1,789	417	360	51	6	365	204
Rochester, N.Y.	Livingston, Monroe, Orleans, Wayne	8,322	1,757	1,069	668	20	1,081	130
Rockford, Ill.	Boone, Winnebago	2,567	293	220	52	20	236	92
Sacramento, Cal.	Placer, Sacramento, Yolo	1,903	1,175	840	250	85	906	115
Saginaw, Mich.	Placer	2,138	389	241	110	38	267	122
St. Joseph, Mo.	Buchanan	892	124	97	16	11	106	119
St. Louis, Mo.	Madison, St. Clair (Ill.); Franklin, Jefferson, St. Charles, St. Louis (Mo.)	23,313	4,458	3,777	472	209	3,963	170
Salerno, Ore.	Marion, Polk	1,802	258	191	65	2	192	107
Salt Lake City, Utah	Monterey	2,328	271	181	72	18	194	83
San Angelo, Tex.	Davis, Salt Lake	5,488	765	583	167	10	596	104
San Antonio, Tex.	Tom Green	718	294	210	38	46	249	317
San Bernardino-Riverside-Ontario, Cal.	Bexar, Guadalupe	8,552	1,922	1,249	322	351	1,528	179
San Diego, Cal.	Riverside, San Bernardino	11,074	1,461	984	385	92	1,050	95
	San Diego	12,538	1,704	1,165	414	125	1,257	100

San Francisco-Oakland, Cal.	Alameda, Contra Costa, Marin, San Francisco, San Mateo	4,718	3,357	1,009	352	3,638	118
San Jose, Cal.	Santa Clara	9,775	616	220	70	668	63
Santa Barbara, Cal.	Santa Clara	2,526	240	76	18	254	101
Savannah, Ga.	Chatham	2,025	307	61	6	245	121
Scranton, Pa.	Lackawanna	2,225	605	169	24	624	280
Seattle-Everett, Wash.	King, Snohomish	12,471	1,407	757	43	1,435	115
Sherman-Denison, Tex.	Grayson	764	256	54	46	294	395
Shreveport, La.	Bossier, Caddo	3,108	668	141	6	673	217
Sioux City, Ia.	Woodbury (Iowa); Dakota (Neb.)	1,212	109	32	5	113	93
Sioux Falls, S. D.	Minnehaha	2,415	171	32	12	181	182
South Bend, Ind.	Marshall, St. Joseph	1,733	123	34	11	137	47
Spokane, Wash.	Spokane	2,943	632	159	7	471	160
Springfield, Ill.	Sangamon	1,564	208	39	26	230	127
Springfield-Holyoke, Mass.	Springfield, Hampshire	1,474	835	307	331	1,078	193
Springfield, Mo.	Greene	324	253	97	14	264	188
Springfield, Ohio	Clark	331	262	62	7	268	195
Steubenville-Weirton, Ohio- W. Va.	Jefferson (Ohio); Brooke, Hancock, (W. Va.)	1,445					
Stockton, Cal.	San Joaquin	1,709	99	21	1	100	59
Syracuse, N. Y.	Syracuse	2,833	461	115	41	494	174
Tacoma, Wash.	Madison, Onondaga, Oswego	6,293	789	464	14	798	127
Tallahassee, Fla.	Pierce	2,601	725	284	20	739	205
Tampa-St. Petersburg, Fla.	Leon	890	133	31	24	152	171
Terre Haute, Ind.	Hillsborough, Pinellas	9,170	1,845	337	273	2,034	222
Texas-Kan., Ark.-Tex.	Clay, Sullivan, Vermillion, Vigo	1,672	138	17	8	145	87
Toledo, Ohio	Miller (Ark.); Bowie (Tex.)	978	217	51	18	232	237
Topeka, Kans.	Monroe (Mich.); Lucas Wood (Ohio)	6,781	1,262	294	37	1,232	191
Trenton, N. J.	Shawnee	1,534	189	53	12	198	129
Tucson, Ariz.	Mercer	3,052	371	94	30	395	129
Tulsa, Okla.	Pima	3,343	416	115	9	423	127
Tuscaloosa, Ala.	Creek, Osage, Tulsa	4,559	430	74	67	487	107
Tyler, Tex.	Tuscaloosa	1,196	178	20	8	185	155
Utica-Rome, N. Y.	Smith	961	266	58	70	323	336
Vallejo-Napa, Cal.	Herkimer, Oneida	3,535	616	288	8	621	176
Ventura-Oxnard, Cal.	Napa, Solano	2,454	277	108	22	293	119
Vineyard-Bridgton-Millville, N. J.	Ventura	3,296	222	118	18	234	71
Waco, Tex.	Cumberland	1,225	153	49	17	166	136
Washington, D. C.	McLennan	1,626	235	62	76	295	181
Waterloo, Iowa	District of Columbia; Montgomery, Prince Georges (Md.); Arlington	26,885					
West Palm Beach, Fla.	Fairfax, Loudon, Price William	1,327	2,967	536	106	3,057	114
Wheeling, W. Va.	(Va.)	3,306	173	58	7	178	134
Wichita, Kans.	Palm Beach		320	76	48	259	119
Wichita Falls, Tex.	Belmont (Ohio); Marshall,	1,791	320	59	5	324	181
Wilkes-Barre-Hazleton, Pa.	Ohio (W. Va.)	3,882	434	140	37	462	149
Wilmington, Del.	Butler, Sedwick	1,411	349	59	80	272	193
Wilmington, N. C.	Archer, Wichita	3,411	657	309	27	675	196
Worcester-Fitchburg- Leominster, Mass.	Luzerne	4,833					
York, Pa.	New Castle (Del.); Cecil (Md.); Salem (N. J.)	1,008	642	151	13	653	135
Youngstown-Warren, Ohio	Brunswick, New Hanover	6,247	92	15	3	95	94
	Worcester	3,193	1,426	419	511	1,821	291
	Adams, York	5,442	740	155	12	557	182
	Mahoning, Trumbull		720	139	12	739	136

APPENDIX D

Scope and Method of Survey

The American Nurses' Association (ANA) has conducted nationwide manpower studies of the registered nurse since 1949. Descriptions of the methodologies used and a picture of the historical development of the studies from 1949 to 1962 are given in *The Nation's Nurses*.¹ The procedure used for the 1966 study is described in *RN's 1966*. The same basic mechanism for collecting and tabulating data was utilized to conduct the first study of the Nation's licensed practical nurses.

The 1962 and 1966 inventories of registered nurses were supported financially by the Division of Nursing, National Institutes of Health. This same funding source made possible the 1967 inventory of licensed practical nurses. The Federal contract covered the costs of machine data processing and other special items such as costs for shipping and for conducting special studies. The American Nurses' Association contributed the expense of overhead and staff to the project. Costs involved in the publication of this report were borne by the Division of Nursing.

The procedure used by the State boards of nursing for renewing licenses to practice is used by ANA to collect data on manpower. Except in the cases where special studies are conducted, the licensure renewal application contains the questions used for the study. ANA staff prepares a set of uniformly worded questions for this purpose. A list of the questions used for this study appears in Appendix E.

The State boards of nursing send the completed application forms to ANA for processing. The editing, coding, and keypunching is handled in one central location according to the specifications established by the project directors. Only five States were unable to comply with this request because they were not able to send the forms outside of the State. Special procedures were instituted in these five States. The manual of coding and editing, prepared by ANA staff for the entire study, was used to review the raw data, and the same data processing procedure instituted for the study was used to prepare punched cards within the five States. These cards were later merged with the punched cards for all other States.

The periods during which licenses must be renewed vary from State to State. Because of this, cutoff dates

were assigned to each State according to when the bulk of the renewals would have been received. There were 20 States for which the cutoff dates occurred in the beginning of 1967. (In almost each case the forms were filled out by the registrant at the end of 1966 or early in 1967.) The forms that were filled out first came from New York and New Mexico. The latest, which were obtained in mid-1968, were those from California and Pennsylvania.

About 362,500 application forms were processed. Of that total, about 1,800 were removed because the registrant was outside the United States or the form lacked an address.

A registrant can hold a license to practice in more than one State. In order to have only one punched card for each registrant, the duplicates are identified primarily through Social Security number. Where this identification was lacking and it was ascertained that the registrant was registered in more than one State, the name and address was used to eliminate duplicate forms. The final total of usable forms was 343,635. Thus, there were 17,065 duplicate licenses found. Licensed practical nurses were then assigned to the State in which they were working, if they indicated they were employed in nursing. If they were not working in nursing or if they did not indicate their employment status, they were assigned to their State of residence according to the mailing address on the form. At this point the State of licensure had no bearing on the State where the practical nurse was assigned.

Detailed tabulations on the characteristics of employed and inactive licensed practical nurses were prepared for each State and for the United States. Each State board of nursing, each constituent State association of ANA and each constituent association of the National Federation of Licensed Practical Nurses was provided a complete set of the data for that State's licensed practical nurses. Persons interested in these detailed statistics are urged to contact one of these sources.

County tabulations were produced for each State. The practical nurse was assigned to a county on the basis of the mailing address on the card, since county of employment or residence was not one of the basic questions asked of the registrant. In order to maintain State counts identical with those shown on the State tabulations, the employed nurse whose mailing address was

¹ Marshall, E. and Muesel, E., *The Nation's Nurses*, American Nurses' Association, 1965.

different from the State of employment was counted in a residual group. Therefore, for each State there will be counts for each county within the State plus a "county not identified" group and an "out of State residence" group.

Metropolitan area data were also derived for this study. For these purposes a deck of cards was purchased from Sales Management Inc., which provided the population for each county and metropolitan area. The population figures were their estimates as of December 31, 1967.

The county data were used to provide estimates of the numbers of employed licensed practical nurses and ratios to population. The estimates were derived by assuming that those not responding to the question on employment status were distributed in the same proportions as those responding.

The 1967 inventory of licensed practical nurses is the first and only study of the characteristics of that group on a nationwide basis. Like the registered nurse

manpower surveys, it has some of the same limitations. The use of cutoff dates eliminates some registrants who return their renewal notices after that date, thereby requiring a separate survey for these registrants. The completeness of coverage in the separate surveys is affected because not every individual answers the questionnaire. Those not answering obviously cannot be included in the study. In this 1967 inventory it was necessary to do a partial special study in New York and an entirely separate survey in Georgia. The extent to which this affected the data for those States is not known. Another limitation is the lack of response to some questions in the study. About 3 percent of the licensed practical nurses included in the survey provided no data on personal characteristics except for name and address. The nonresponse rate differed from question to question. Insofar as employment status is concerned, 6 percent of the registrants failed to answer this question. For the most part, the data have not been adjusted for these nonresponses.

APPENDIX E

List of Questions for INVENTORY OF PRACTICAL NURSES

Sex: 1. Male, 2. Female

Marital status: 1. Single, 2. Married, 3. Widowed, 4. Divorced or separated

Year of birth:

Social Security number:

Actively employed in nursing: 1. Yes, 2. No

State in which employed:

Field of employment: 1. Hospital, 2. Nursing Home, 3. Private Nursing,
4. Public Health, 5. Industry, 6. Physician's or Dentist's
Office, 7. Other (specify)

Was the first (original) license you ever received granted on the basis of:

1. Examination, 2. Waiver

States other than (State from which form came) in which currently licensed:

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APPENDIX F

INDEX TO TABLES

<i>Characteristic</i>	<i>Table number</i>
Employment status	1A, 3A, 4A, 7A, 10A, 11A, 12A, 13A
Employed in nursing	Text tables 1, 2, 3, 4, 5; 1A, 2A, 3A, 4A, 5A, 7A, 8A, 10A, 11A, 12A, 13A, 14A, 17A, 19A, 20A, 21A, 22A, 23A, 24A
Inactive in nursing	1A, 3A, 4A, 6A, 7A, 9A, 10A, 11A, 12A, 13A, 15A, 18A
Age	Text table 4; 3A, 4A, 5A, 6A, 7A, 10A, 11A, 14A, 15A, 19A
Marital status	3A, 4A, 8A, 9A, 20A
Sex	10A, 11A, 13A, 21A, 22A
Men	10A, 11A, 12A, 13A, 21A, 22A
Basis of original license	13A, 14A, 15A, 16A, 17A, 18A, 22A, 24A
Field of employment	Text tables 2, 5; 19A, 20A, 21A, 22A, 23A, 24
State and region	Text tables 3, 4; 1A, 2A, 5A, 6A, 7A, 8A, 9A, 12A, 16A, 17A, 18A, 23A, 24A